

# GM 38335

SUMMARY REPORT ON THE 1980/81 WINTER EXPLORATION PROGRAM, FANCAMP TWP PROPERTY

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Énergie et Ressources  
naturelles

Québec 

ADVANCE MURGOR EXPLORATIONS LIMITED

SUMMARY REPORT

on the

1980/81 WINTER EXPLORATION PROGRAM

FANCAMP TWP. PROPERTY, QUEBEC, CANADA

Ministère de l'Énergie et des Ressources  
Gouvernement du Québec  
Service du Potentiel minéral

DATE: 21 AVR. 1982

No G.M.: 38335

Toronto, Ontario, Canada

April 27, 1981

R. H. HENNING, P. Eng.

CONSULTING GEOLOGIST

## INTRODUCTION

The present report is a summary of the objectives and results of an exploration program conducted by Advance Murgor Explorations Limited and supervised by the writer, on the company's Fancamp township property located in northern Quebec, Canada, during the period December, 1980 to March, 1981. In it, the writer also draws certain conclusions based on a preliminary assessment of the exploration data and makes recommendations for further work. A final report will be submitted in the near future.

## PROPERTY

The Advance Murgor Explorations Limited property is situated in Fancamp township, in the Chibougamau Mining Division, Quebec, Canada. It is easily accessible by means of paved highway and good gravelled logging roads from the mining towns of Chibougamau-Chapais, being about 36 road miles from the former.

The property consists of 52 contiguous mining claims comprising 2,080 acres (832 hectares). 12 of these claims were staked in November, 1980 to protect ground adjoining the southeastern portion of the property. All of the claims are currently in good standing.

### GEOPHYSICAL SURVEYING

During December, 1980 and January, 1981, a small amount of ground geophysics, comprising approximately 5.5 line miles of magnetic and horizontal-loop electromagnetic surveying was performed by Flanagan, McAdam and Co. for Advance Murgor Explorations Ltd. on a small grid extending from the "A" gold-bearing area southward across Island Lake. The magnetic survey indicates that the prominent magnetic anomaly, along which the A and B gold-bearing zones occur, extends for about 1,400 feet southwestward under the lake from its north shore. The electromagnetic survey did not indicate any anomalies.

### DIAMOND DRILLING

The objectives of the limited drilling program were to 1) establish continuity of the A and B gold-bearing zones by fill-in drilling between holes put down in 1974; 2) test for the extension of the zones to the northeast and south, and 3) further test interesting zinc mineralization encountered in a 1974 drill hole.

The drilling was contracted to Contact Drilling Ltd. of Chibougamau, Quebec. One wireline machine, recovering AQ core was employed. Drilling commenced on January 30 and had to be terminated on March 20, 1981 due to impending break-up conditions. During that period, 16 holes,

totalling 5,462 lineal feet were completed for an average length of 341.4 feet. Split (halved) core was assayed by Bourslamaque Assay Laboratories Ltd. in Val d'Or, Quebec. Analysis for gold was done by the fire assay method. Selected pulps and rejects will be checked by two different laboratories. The drill core is stored in Chibougamau.

### DISCUSSION OF RESULTS

The reader is referred to the accompanying drill hole compilation map which shows previous 1974 and 1981 drill holes, gold intersections and the trace of the gold-bearing and zinc-bearing mineralized zones.

The gold mineralization, consisting of native gold, is intimately associated with pyrite mineralization which occurs in variable amounts within zones of shearing, silicification, carbonatization and quartz-carbonate-tourmaline veining hosted by basic to acid tuffaceous volcanic rocks near the contact of a large intrusive granite-granodiorite stock. Gold may occur within fractures of pyrite cubes, or more rarely, interstitially between such crystals.

All of the holes drilled in the 1981 program intersected zones of sulfide mineralization within which gold has been found to occur. These vary in width from a few feet to about 35 feet. Although the majority of the drilling tested the zones to a maximum vertical depth of 150 feet,

several holes (AM-81-1, 81-2) intersected mineralization and gold values at a depth of 300 to 450 feet (vertical), indicating vertical continuity of the zones. Only on four sections of the entire length of the gold-bearing zones was a bank of two holes drilled previously and in the 1981 program, mostly to shallow depth. The remaining drilling consisted of shallow tests for lateral continuity of the zones.

An interpretation of previous and 1981 drilling results indicates that there are two main gold-bearing zones of mineralization. Of these, the most extensive and persistent appears to be the B-1 - B-2 - A-2 zone (interpreted to be one zone) which seems to have a strike-length of at least 2,700 feet (it is still open in both directions). In area B, this "zone" consists of two parallel zones (B-1 and B-2) which are located from 25 feet to about 75 feet apart. The A-1 zone, occurring closer to the intrusive contact, has been traced by drilling for some 1,400 feet and is open to the south. To the northeast, there are indications (hole AM-81-5) that it may extend intermittently for at least another 1,400 feet (except for holes AM-81-10, 81-6 and 81-5, no other holes in the northern portion of the area have tested for this zone). Continuity of the gold-bearing zones between areas A and B was established by hole AM-81-10. Shorter gold-bearing zones appear to parallel the two main

zones in area A.

The best gold intersections obtained in the 1981 program were 1) 0.16 oz./ton Au over 8.0 feet (weighted average) from 88.0 to 96.0 feet in hole AM-81-9 at a vertical depth of 65 feet. The intersection in this hole correlates with that of previous hole G-74-6 at a vertical depth of about 20 feet (0.15 oz./ton over 11.0 feet) and indicates depth continuity of the zone and a more or less consistent width and grade. The AM-81-9 intersection included a 1.5-foot interval which assayed 0.50 oz./ton in gold; 2) an intersection of 0.17 oz./ton Au over 2.0 feet (weighted average) obtained in AM-81-13 under Island Lake, immediately upon entering bed-rock. Included in this section was 1.0 foot which assayed 0.29 oz./ton Au, containing visible gold.

Other significant intersections were in holes AM-81-3 and AM-81-5, the latter being the most northeasterly hole drilled on the zones in area B. Values ranging up to 0.16 oz./ton Au over 1.0 to 1.65 feet were obtained in these holes.

Of the holes drilled in 1981, 25% intersected values greater than 0.1 oz./ton Au. Most of the remaining holes obtained low but still significant gold values.

Two holes (AM-81-1 and 81-2) were drilled to further test the zinc mineralization encountered by previous hole G-74-7. Both holes intersected uneconomic but significant

zinc mineralization, best values being 0.310% Zn over 3.0 feet from 379.0 to 382.0 feet in hole AM-81-1 and 0.580% Zn over 2.0 feet from 45.0 to 47.0 feet in hole AM-81-2.

Significant copper mineralization, previously not intersected, was encountered in most of the holes drilled. The best copper mineralization was intersected in area B. It occurs within the volcanic rocks, the main granite-granodiorite body and certain quartz-carbonate veins as disseminations and stringers. Best values intersected were:

- 1.22% Cu over 1.5' from 180.9 to 182.4 feet (AM-81-7)
- 0.79% Cu over 1.0' from 253.5 to 254.5 feet (AM-81-6)
- 0.45% Cu over 2.5' from 306.75 to 309.25 feet (AM-81-6)
- 0.61% Cu over 1.0' from 668.5 to 669.5 feet (AM-81-1).

### CONCLUSIONS

The 1981 winter exploration program conducted by Advance Murgor Explorations Limited on its Fancamp township, Quebec property has produced decidedly encouraging results. Gold-bearing zones of sulfide mineralization associated with shearing, silicification, carbonatization and quartz-carbonate-tourmaline veining have been traced by a limited amount of mainly shallow drilling over a strike-length of about 3,000 feet. Although only 25% of the 1981 drill holes intersected gold values of probable economic significance, it should not be construed that the zones



carry only sporadic gold values. The nature of the gold mineralization is such that diamond drilling fails to assess the average grade of the zones. It can be visualized that since the gold is not uniformly distributed with the pyrite, a narrow drill hole can miss altogether, but if drilled only a few inches in either direction, may cut significant gold mineralization. Also, some, and possibly in certain instances all of the gold may be ground up in the holes and washed away. At best, drilling on the Fancamp property, as well as on numerous other gold occurrences in the Canadian Shield, is only of value in defining the lateral and vertical extent of the zones that have been identified as hosting the gold mineralization. The only way to properly determine the actual gold content of the zones would be to 1) sink test pits in a number of places along the zones, take bulk samples of sufficient size and run mill tests, or 2) do underground development involving detailed sampling and bulk sample mill testing. Since alternative 2) is obviously the more costly, the former procedure would be preferred initially.

The potential for outlining a gold deposit with significant tonnage remains good - there is at least one mile of strike length which remains untested, following a prominent magnetic anomaly along which the gold mineralization occurs in the drill-tested areas. Deeper drilling to test for vertical continuity of the zones along with confirmation

of currently economic grade from bulk sampling would be required before a feasibility study could be undertaken.

There are other indications on the property ( gold values associated with a major shear zone to the northwest of areas A and B and an intriguing magnetic anomaly about 1,000 feet south of the B zones) that are prime exploration targets for gold, and should be followed up on as soon as possible.

The significant zinc mineralization in area B northwest of the gold-bearing zones still has to be properly evaluated as an indicator of a possible massive sulfide type deposit. Only two holes tested this zone in the 1981 program. A preliminary interpretation of the results suggests that the geometry and attitude of the zone is considerably more complex than previously believed. Detailed geophysics should be conducted over the target area before further drilling is undertaken.

The interesting copper mineralization within the volcanics and especially in the granitic intrusive complex warrants further work. It is possible that a "porphyry" type copper deposit occurs within the granitic intrusive. The copper mineralization in the volcanics, particularly in area B, along with the zinc occurrence, are strong indicators for a possible economic base-metal deposit with volcanogenic affinity.

It is concluded that the work conducted by Advance

Murgor Explorations Limited during the winter of 1981 has produced encouraging results which warrant a continuing program of exploratory work.

RECOMMENDATIONS AND COST ESTIMATE

PHASE 1 of a recommended extensive exploration program was completed in March, 1981.

The following exploratory work is recommended by the writer:

INITIAL PHASE 2: June 1 - October 31, 1981 - as outlined in the attached "Proposed 1981 Summer Exploration Program and Cost Estimate" - cost estimate ..... \$ 400,000

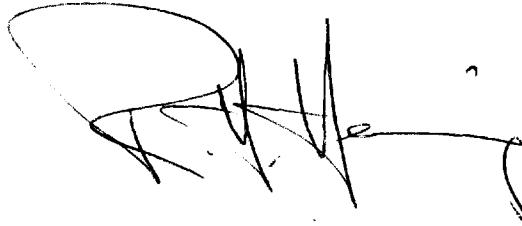
FINAL PHASE 2: November 1, 1981 - April 15, 1982 - Approximately 25,000 feet of diamond drilling to provide for testing of the vertical extent of gold-bearing mineralized zones and further testing for gold-bearing zones under Island Lake, especially west of the holes drilled in 1981 - cost estimate ..... \$ 600,000  
(including drill contract work, consulting fees, salary for assistant, assaying, transportation, miscellaneous expenses)

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TOTAL COST ESTIMATE, PHASE 2 ..... \$ 1,000,000

Depending on the results of Phase 2, PHASE 3 could consist of feasibility studies and underground development work with considerable expenditures foreseen.

Respectfully submitted,



Toronto, Ontario, Canada  
April 27, 1981

R. H. HENNING, P. Eng.  
CONSULTING GEOLOGIST

ATTACHMENTS

1. Proposed 1981 Summer Exploration Program and Cost Estimate
2. Plan showing Location of Drill Holes and Au, Zn - bearing Mineralized Zones

ADVANCE MURGOR EXPLORATIONS LIMITED

PROPOSED 1981 SUMMER EXPLORATION PROGRAM  
AND COST ESTIMATE

PERIOD: June 1 - October 31, 1981

1. LINECUTTING

- a) Lines to be cut 100 feet apart and chained at 50-foot intervals in areas "A" and "B" (approximately 15 line miles, including base and tie lines);
  - b) Lines to be cut 400 feet apart and chained at 100-foot intervals on the remaining portion of the property (approximately 55 line miles, including base and tie lines).
- To be contracted - to commence immediately after break-up.

2. GEOPHYSICAL SURVEYING

- a) Magnetic surveys employing a proton precession magnetometer at 25-foot intervals on the detail grid in areas "A" and "B" and at 50-foot intervals elsewhere;
  - b) VLF electromagnetic surveys over the entire property at 50 or 100-foot intervals;
  - c) Horizontal-loop electromagnetic surveys employing a Max-Min II EM unit with 2 frequencies (high and low) and 300-foot coil spacing over the entire property;
  - d) Induced Polarization (IP) surveys on a trial basis in order to determine the capability of the method to detect disseminated pyrite mineralization with which gold is associated.
- (a, b and c to be performed by Advance Murgor personnel, d to be contracted)

3. GEOLOGICAL MAPPING, PROSPECTING AND GEOCHEMICAL SURVEYING

Detailed geological mapping and prospecting of the entire property; geochemical surveys involving sampling and analysis of overburden, lake bottom and stream sediments.  
To be performed by Advance Murgor personnel.

4. DIAMOND DRILLING

10,000 feet of core drilling employing one B.B.S. 1 or smaller machine; to test for lateral continuity of the "A" and "B" gold-bearing zones; further follow-up on base-metals (copper-zinc) target areas and testing of additional gold-bearing areas and geophysical anomalies.  
To be contracted.

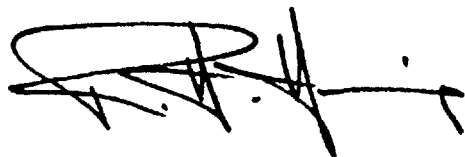
5. Overburden stripping and sinking of pits in gold areas "A" and "B"; bulk sampling for mill test.

C O S T      E S T I M A T E

1. LINECUTTING (contract) 70 line miles @ \$ 225/mile.....		\$	15,750
2. GEOPHYSICAL SURVEYING IP surveys (contract).....	\$	5,000	
Rental-magnetometer, VLF, HL-EM.....		5,000	
2 operators - 1½ months.....		<u>7,000</u>	17,000
3. MAPPING, PROSPECTING, GEOCHEMICAL 1 graduate geologist, one assistant, 3 mo.		13,000	
1 prospector, 4½ months.....		9,000	
Engineering supplies, equipment.....		<u>5,000</u>	27,000
4. DIAMOND DRILLING Contract: 10,000 feet @ \$ 20/foot.....		200,000	
Supervision: 1 senior geologist, 4½ mo....		18,000	
1 helper for collecting sludges, sampling, etc.....4½ months.....		<u>9,000</u>	227,000
5. BULLDOZER STRIPPING, PITTING, BULK SAMPLING.....			30,000
6. Construction of access road; camps and equip- ment; cookery costs; rental of facilities in Chibougamau.....			30,000
7. Assaying, geochemical analyses.....			10,000
8. Consulting fees, reports, travel expenses, truck rentals/purchase, miscellaneous.....			30,000
9. Contingencies.....			13,250
TOTAL ESTIMATED COST - INITIAL PHASE 2.....			\$ 400,000

Toronto, Ontario

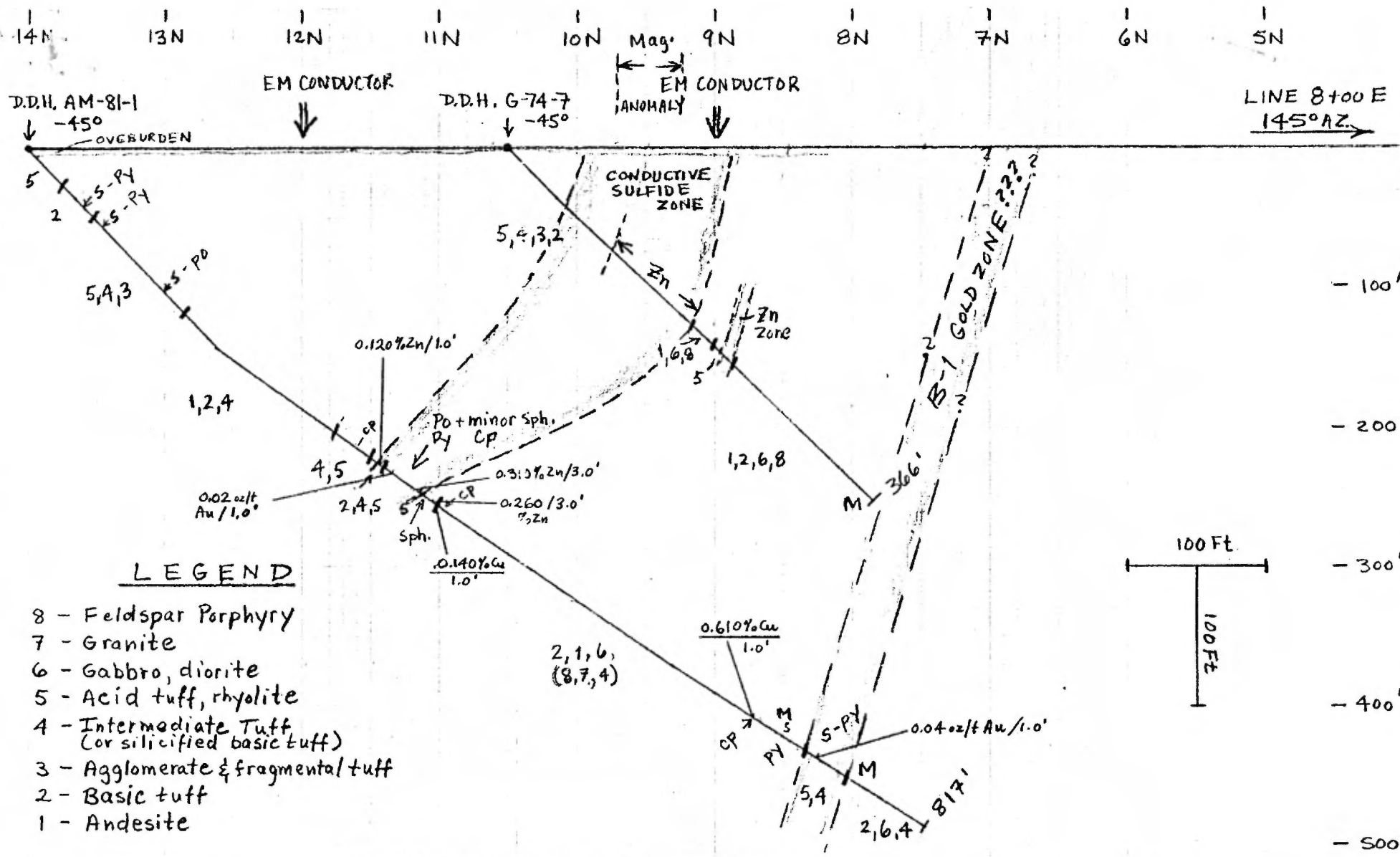
April 21, 1981



R. H. HENNING, P.Eng.

Consulting Geologist





**LEGEND**

- 8 - Feldspar Porphyry
- 7 - Granite
- 6 - Gabbro, diorite
- 5 - Acid tuff, rhyolite
- 4 - Intermediate Tuff  
(or silicified basic tuff)
- 3 - Agglomerate & fragmental tuff
- 2 - Basic tuff
- 1 - Andesite

- S - sulfides
- Py - Pyrite
- Po - Pyrrhotite
- Cp - Chalcopyrite
- Sph - Sphalerite
- M - Magnetite

Ministère de l'Énergie et des Ressources  
Gouvernement du Québec  
Service du Potentiel minéral

DATE: 21 AVR. 1982  
**38335**  
No G.M.:

NOTE: DDH AM-81-1 may have deviated  
to end up SW of G-74-7

ADVANCE MURGOR EXPLORATIONS LTD.  
FANCAMP TWP. PROPERTY, P.Q.  
**SECTION - D.D.H. AM-81-1**

Drawn by: R.H. HENNING, P. Eng.  
Feb./'81



1  
12N

1  
11N

1  
10N

1  
9N

1  
8N

1  
7N

1  
6N

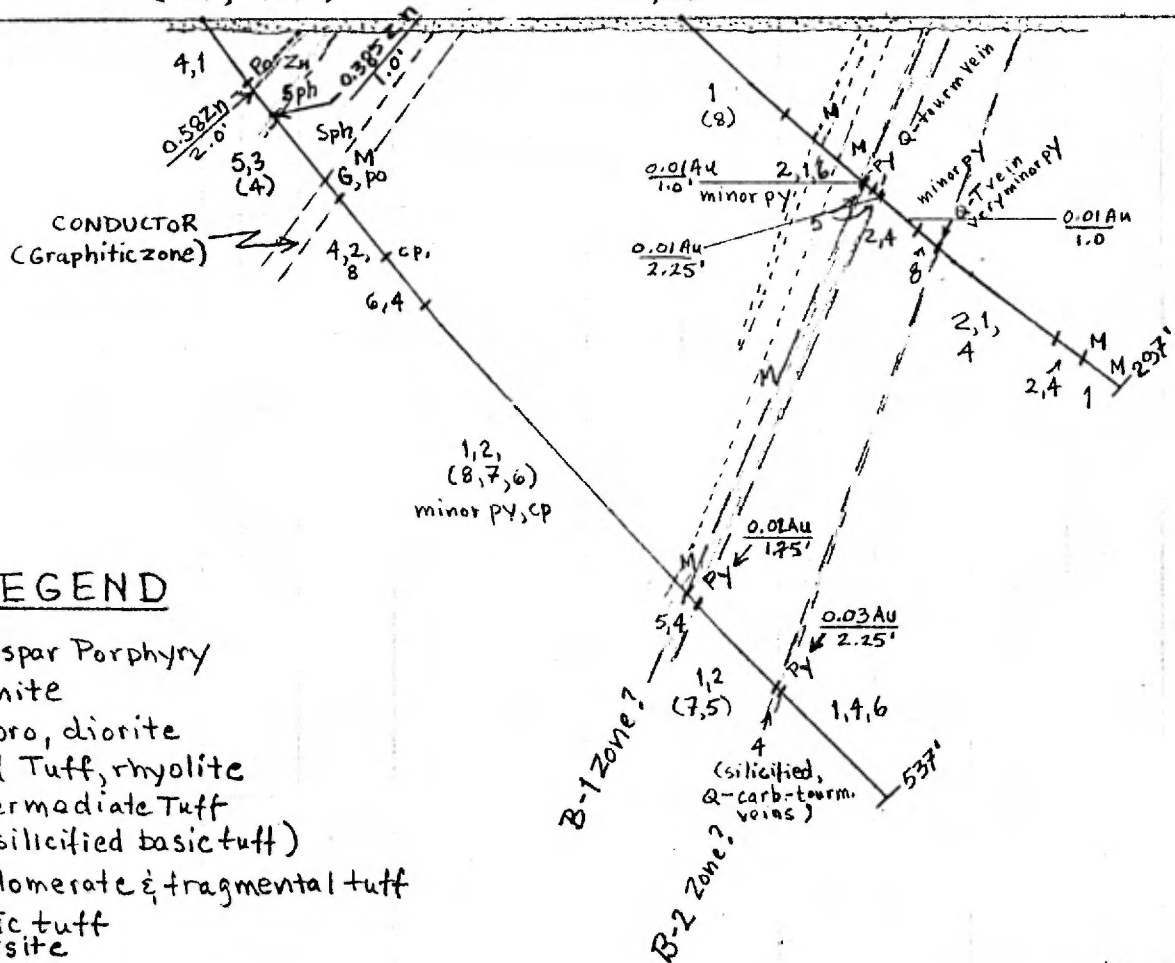
1  
5N

145° AZ.

9+00E

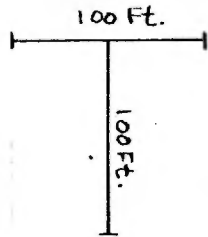
D.D.H. AM-81-2  
(-54°, 146° AZ.)

D.D.H. AM-81-4  
(-43°, 145° AZ.)



### LEGEND

- 8 - Feldspar Porphyry
- 7 - Granite
- 6 - Gabbro, diorite
- 5 - Acid Tuff, rhyolite
- 4 - Intermediate Tuff (or silicified basic tuff)
- 3 - Agglomerate & fragmental tuff
- 2 - Basic tuff
- 1 - Andesite
- S - sulfides
- Py - Pyrite
- Po - Pyrrhotite
- Cp - Chalcopyrite
- Sph - Sphalerite
- M - Magnetite
- G - Graphite
- Q - Quartz
- C - Carbonate
- T - Tourmaline



- 100'

- 200'

- 300'

- 400'

ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP. PROPERTY, P.Q.

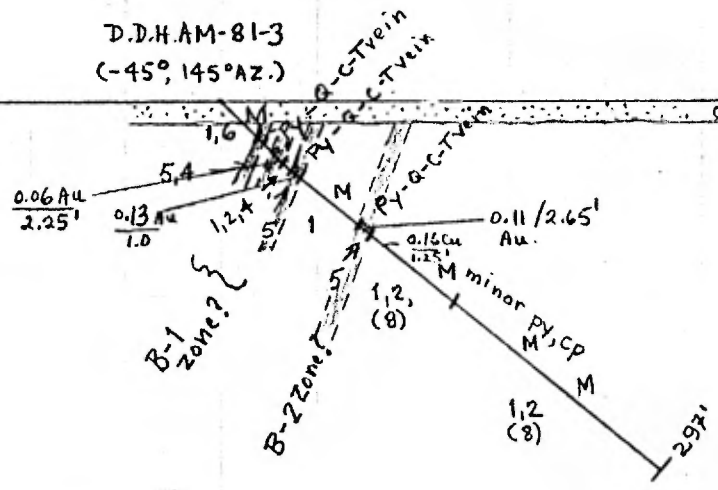
SECTION - D.D.H.'s AM-81-2, 81-4

Drawn by: R. H. HENNING, P. Eng.  
Feb./'81

10N 9N 8N 7N 6N 5N 4N 3N

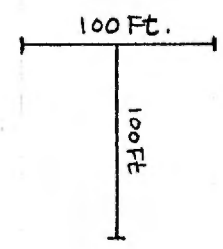
D.D.H.A.M-81-3  
(-45°, 145°AZ.)

145°AZ. →  
11+00E



LEGEND

- 8 - Feldspar Porphyry
- 7 - Granite, aplite
- 6 - Gabbro, diorite
- 5 - Acid Tuff, rhyolite
- 4 - Intermediate Tuff  
(or silicified basic tuff)
- 3 - Agglomerate & fragmental tuff
- 2 - Basic Tuff
- 1 - Andesite
  
- S - Sulfides
- Py - Pyrite
- Po - Pyrrhotite
- Cp - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline



ADVANCE MURGOR EXPLORATIONS LTD

FANCAMP TWP, PROPERTY, P.A.

SECTION — D.D.H.A.M-81-3

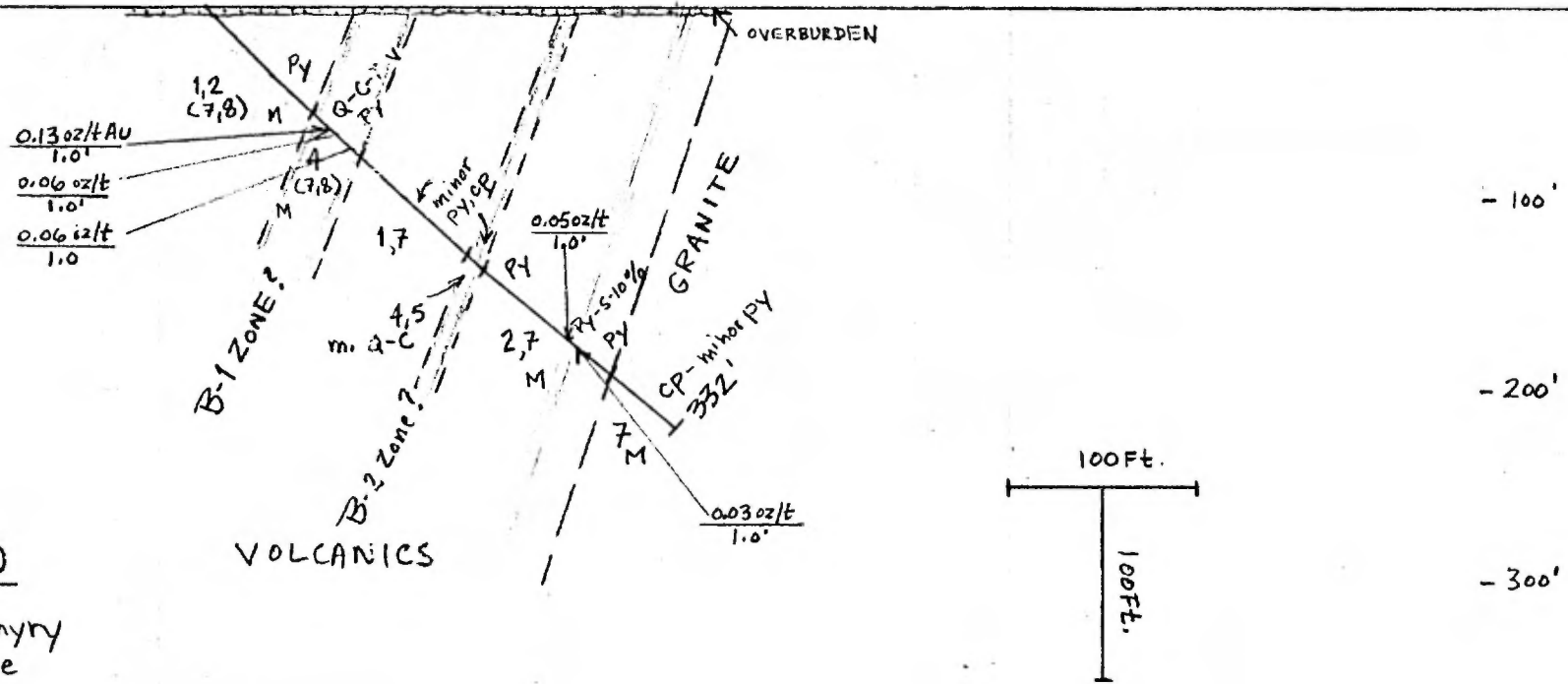
Drawn by: R.H. HENNING, P.Eng.  
Feb./'81

12N 11N 10N 9N 8N 7N 6N 5N

145° Az.

D.D.H. AM-81-5  
(-45°, 145° Az.)

LINE 20+00E



### LEGEND

- 8 - Feldspar Porphyry
- 7 - Granite, aplite
- 5 - Acid tuff
- 4 - Intermediate Tuff  
(or Silicified basic tuff)
- 2 - Basic Tuff
- 1 - Andesite
- PY - Pyrite
- CP - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline

ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP. PROPERTY, P. & A.

SECTION -D.D.H. AM-81-5

Drawn by: R.H. HENNING, P. Eng.  
March, 1981

12N

11N

10N

9N

8N

7N

6N

5N

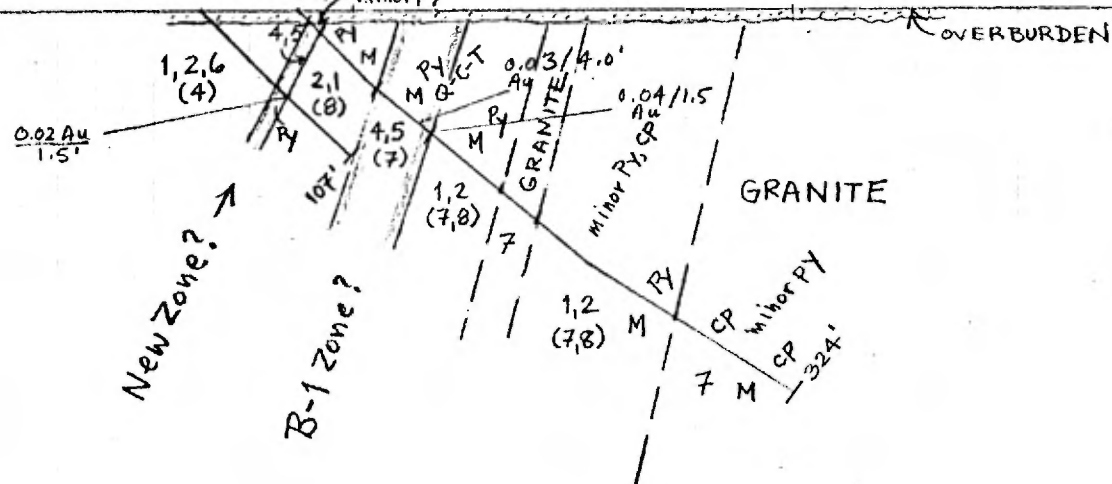
45° Az.

18+50E

D.D.H. AM-81-8  
(-45°, 145° Az.)

D.D.H. AM-81-6  
(-45°, 145° Az.)

Q-T-C  
minor Py



## LEGEND

- 8 - Feldspar (Quartz) Porphyry
- 7 - Granite, aplite
- 6 - Gabbro
- 5 - Acid Tuff
- 4 - Intermediate or Silicified  
Basic Tuff
- 2 - Basic Tuff
- 1 - Andesite
- Py - Pyrite
- Cp - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline

ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP. PROPERTY, P.Q.

SECTION-D.D.H.'s AM-81-6,8

Drawn by: R.H. HENNING, P. Eng.  
March, 1981

12N

11N

10N

9N

8N

7N

6N

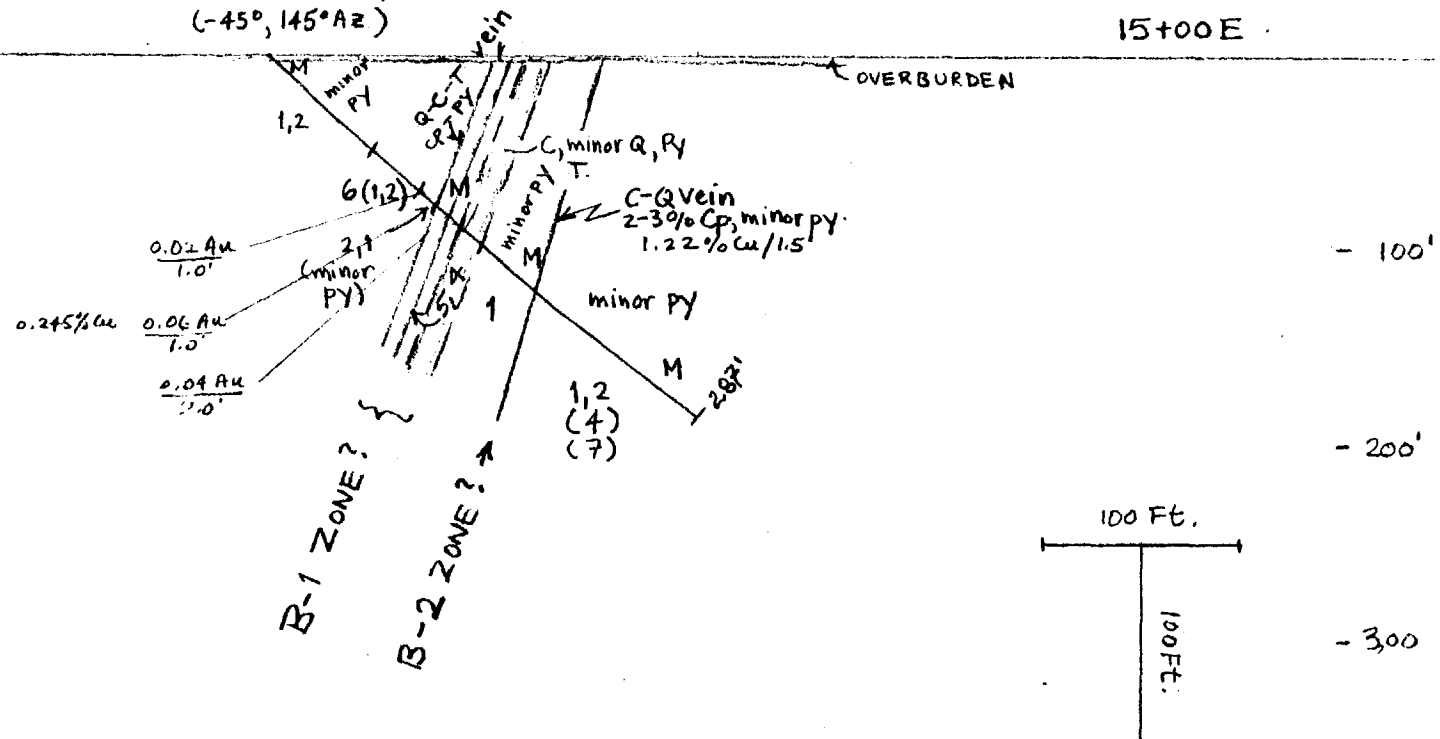
5N

4N

D.D.H. AM-81-7  
(-45°, 145° Az)

145° Az.

15+00E



## LEGEND

- 8 - Feldspar (Quartz) Porphyry
- 7 - Granite Caplite)
- 6 - Gabbro
- 5 - Acid Tuff
- 4 - Intermediate or Silicified  
Basic Tuff
- 2 - Basic Tuff
- 1 - Andesite

- Py - Pyrite
- Cp - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline

ADVANCE MURGOR EXPLORATIONS LTD.

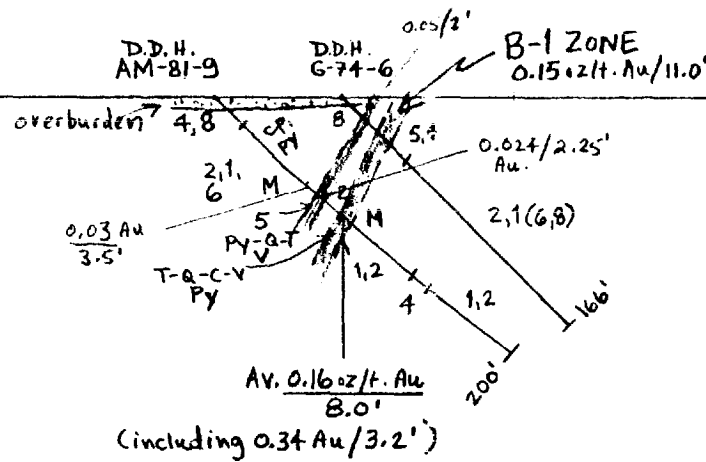
FANCAMP TWP. PROPERTY, P.Q.

SECTION - D.D.H. AM-81-7

Drawn by: R.H. HENNING, P. Eng.  
March, 1981

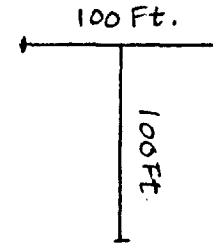
10N 9N 8N 7N 6N 5N 4N 3N

145° Az.  
10+26E



LEGEND

- B - Feldspar (Quartz) Porphyry
- G - Gabbro, diorite
- 5 - Acid Tuff
- 4 - Intermediate or Silicified Basic Tuff
- 2 - Basic Tuff
- 1 - Andesite
- Py - Pyrite
- Cp - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline
- V - Vein material



ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP. PROPERTY, P.Q.

SECTION - D.D.H'S AM-81-9 & G-74-6

Drawn by: R.H. HENNING, P. Eng.  
March, 1981

2W

1W

0+00

1E

2E

3E

4E

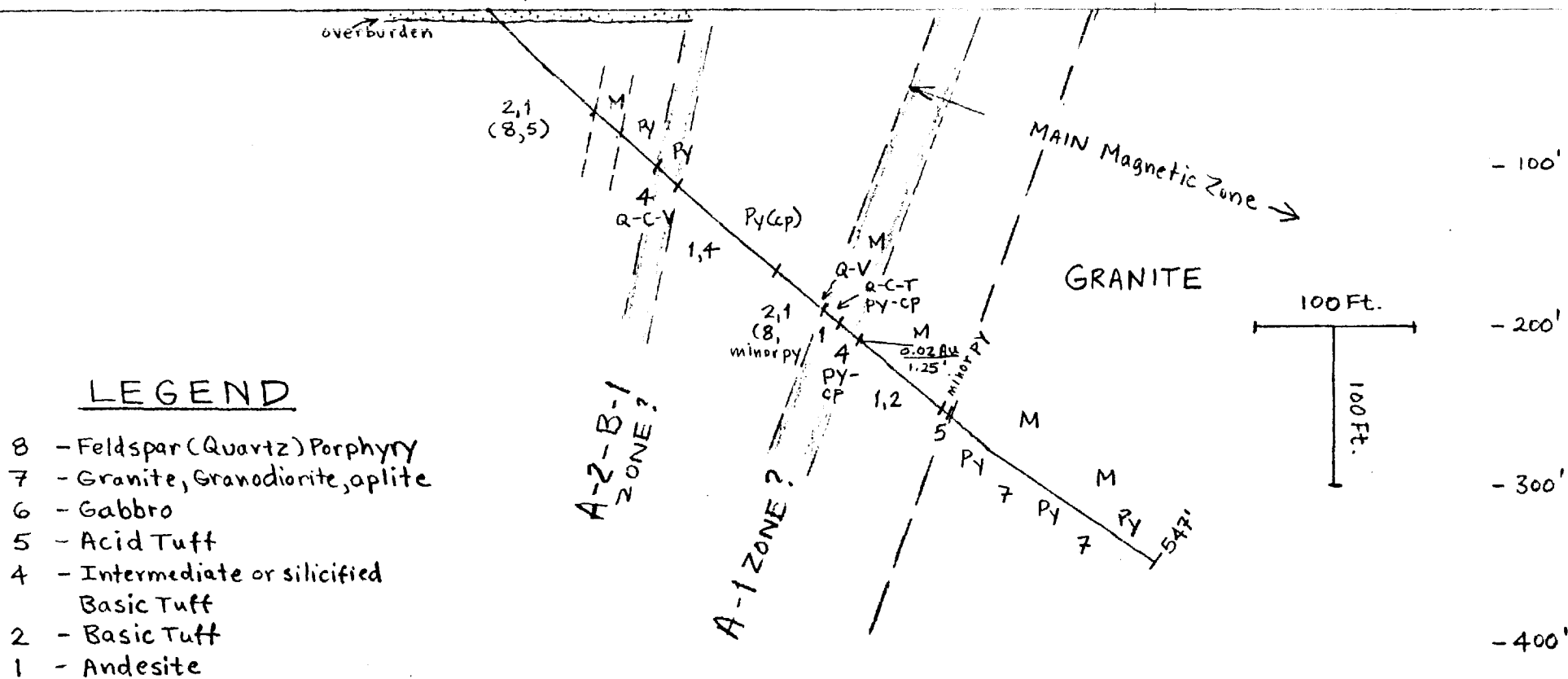
5E

6E

095° AZ.

D.D.H. AM-81-10

LINE 7+00N

LEGEND

- 8 - Feldspar (Quartz) Porphyry
- 7 - Granite, Granodiorite, aplite
- 6 - Gabbro
- 5 - Acid Tuff
- 4 - Intermediate or silicified  
Basic Tuff
- 2 - Basic Tuff
- 1 - Andesite
- Py - Pyrite
- Cp - chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline
- V - Vein material

ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP. PROPERTY, P.A.

SECTION - D.D.H. AM-81-10

Drawn by: R.H. HENNING, P. Eng.  
March, 1981

3W

2W

1W

0+00

1E

2E

3E

4E

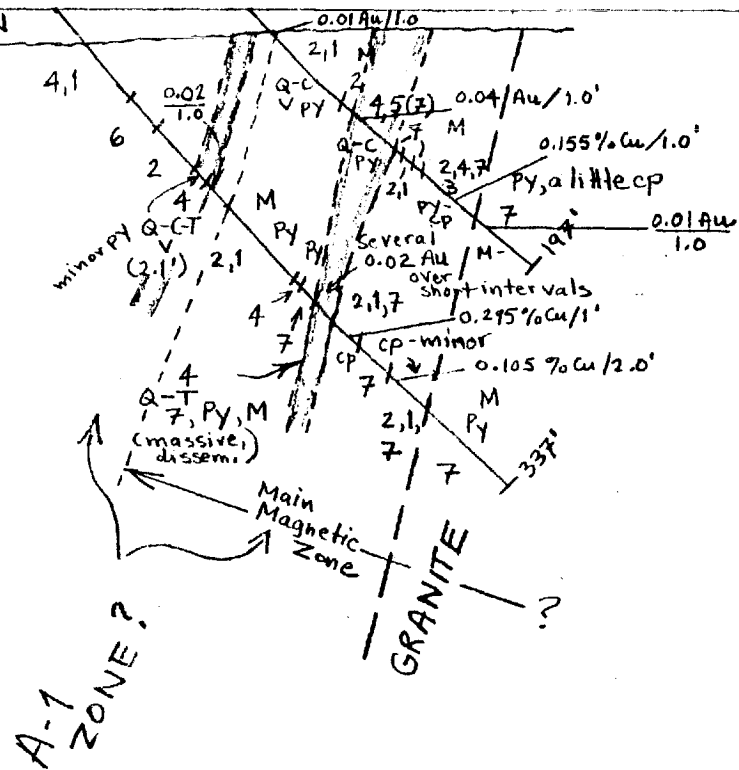
090° AZ.

D.D.H. AM-81-11

D.D.H. AM-81-14

LINE 2+00 S

WATER + OVERBURDEN



- 100'

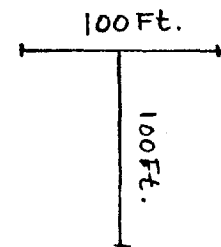
- 200'

- 300'

LEGEND

- 7 - Granite, Granodiorite, aplite
- 6 - Gabbro, diorite
- 4 - Acid Tuff
- 4 - Intermediate or silicified
- 3 - Basic Tuff
- 3 - Agglomerate or fault breccia?
- 2 - Basic Tuff
- 1 - Andesite

- Py - Pyrite
- Cp - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline
- V - Vein material

ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP. PROPERTY, P.A.

SECTION - D.D.H.'s AM-81-11, 14

Drawn by: R.H. HENNING, P. Eng.  
March, 1981



3W

2W

1W

0+00

1E

2E

3E

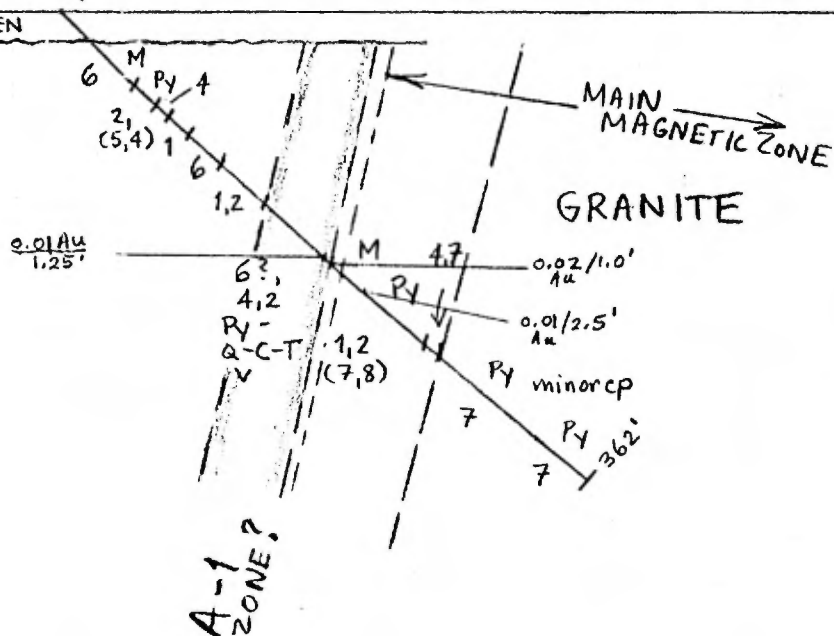
4E

090°AZ.

LINE 4+00S

D.D.H. AM-81-12

WATER + OVERBURDEN

LEGEND

- 8 - Feldspar (Quartz) Porphyry
- 7 - Granite, Granodiorite, aplite
- 6 - Gabbro
- 5 - Acid Tuff
- 4 - Intermediate or silicified  
Basic Tuff
- 2 - Basic Tuff
- 1 - Andesite
- Py - Pyrite
- Cp - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline
- V - Vein material

ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP, PROPERTY, P.A.

SECTION - D.D.H. AM-81-12

Drawn by: R.H. HENNING, P. Eng.  
March, 1981

3W

2W

1W

0+00

1E

2E

3E

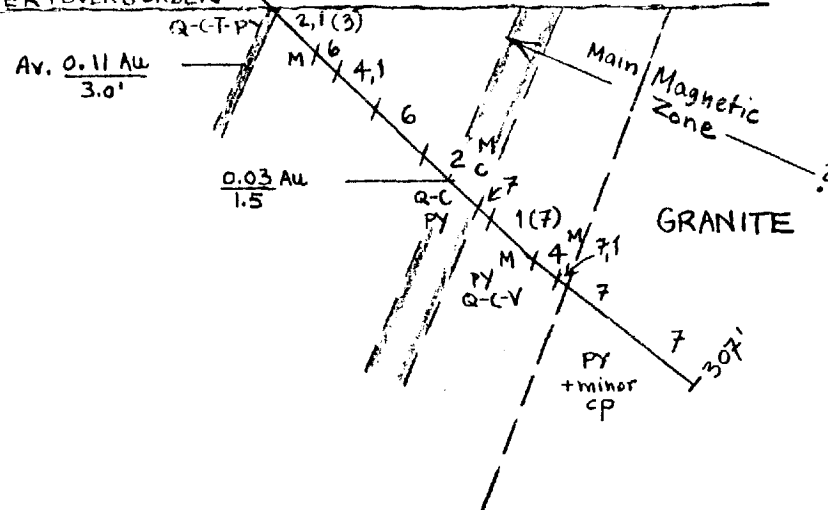
4E

090° AZ.

LINE 3+00S

D.D.H. AM-81-13

WATER + OVERBURDEN

LEGEND

- 8 - Feldspar (Quartz) Porphyry
- 7 - Granite, Granodiorite, aplite
- 6 - Gabbro, diorite
- 5 - Acid Tuff
- 4 - Intermediate or silicified  
Basic Tuff
- 3 - Agglomerate (or fault breccia?)
- 2 - Basic Tuff
- 1 - Andesite
- Py - Pyrite
- Cp - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline
- V - Vein material

ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP. PROPERTY, P.Q.

SECTION - D.D.H. AM-81-13

Drawn by: R.H. HENNING, P.Eng  
April, 1981

2W

1W

0+00

1E

2E

3E

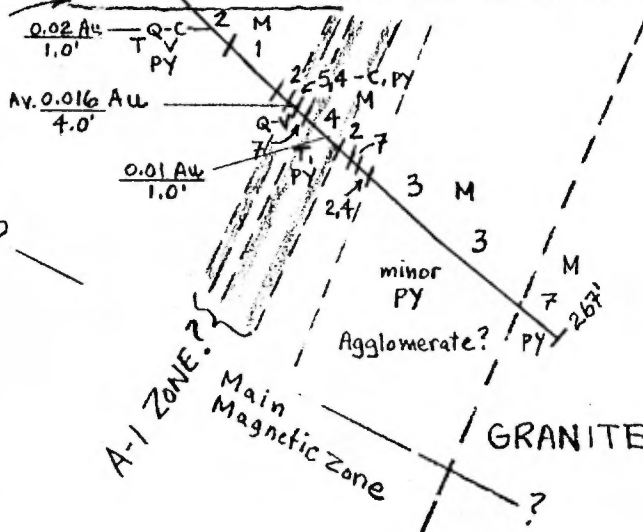
4E

5E

090° AZ.

1+005

D.D.H. AM-81-15

Water +  
overburdenLEGEND

- 7 - Granite, Granodiorite, aplite
- 6 - Gabbro, diorite
- 5 - Acid Tuff
- 4 - Intermediate or silicified  
basic tuff
- 3 - Agglomerate or fault breccia?
- 2 - Basic Tuff
- 1 - Andesite

- Py - Pyrite
- Cp - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline
- V - Vein material

ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP. PROPERTY, P.Q.

SECTION - D.D.H. AM-81-15

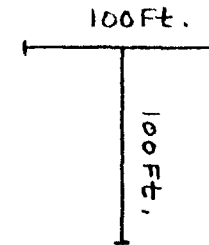
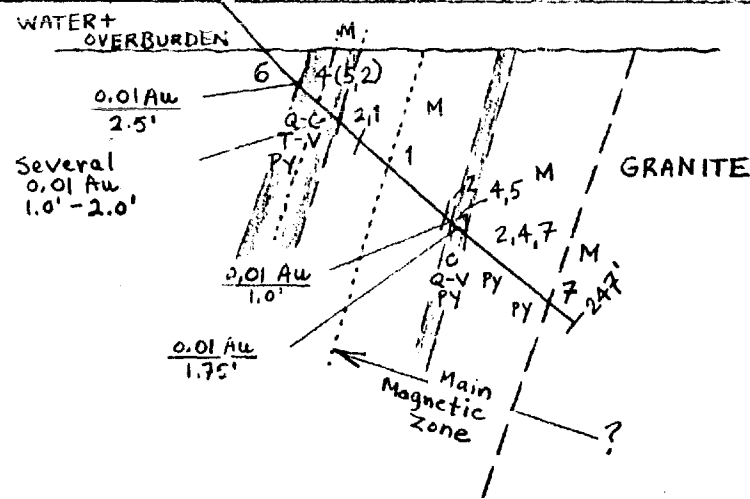
Drawn by: R.H. HENNING, P.Eng.  
April, 1981

4W 3W 2W 1W 0+00 1E 2E 3E

090° AZ.

LINE 6+00S

D.D.H. AM-81-16



LEGEND

- 8 - Feldspar (Quartz) Porphyry
- 7 - Granite, granodiorite, aplite
- 6 - Gabbro, diorite
- 5 - Acid Tuff
- 4 - Intermediate or silicified basic tuff
- 2 - Basic tuff
- 1 - Andesite
- Py - Pyrite
- Cp - Chalcopyrite
- M - Magnetite
- Q - Quartz
- C - Carbonate
- T - Tourmaline
- V - Vein material

ADVANCE MURGOR EXPLORATIONS LTD.

FANCAMP TWP. PROPERTY, P.Q.

SECTION - D.D.H. AM-81-16

Drawn by: R.H. HENNING, P.Eng.  
April, 1981

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC  
 HOLE NO. AM-81-1 LENGTH 817'  
 LOCATION ISLAND LAKE AREA; CLAIM 322279-2  
 LATITUDE LINE 8+00E DEPARTURE 14+00N  
 ELEVATION \_\_\_\_\_ AZIMUTH 145° DIP -45°  
 STARTED JAN. 30, 1981 FINISHED FEB. 8, 1981

## ACID DIPTTESTS - E TUBE

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	45°45'				
300	35°00'				
500	33°30'				
700	32°30'				

HOLE NO. AM-81-1 SHEET NO. 1  
 REMARKS RECOVERY - 99.9%  
CASING PULLED  
DRILLED BY: CONTACT DRILLING  
LTD., CHIBOUGAMAU  
 LOGGED BY R.H. HENNING, P.ENG.

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au OZ/TON	Ag OZ/TON
				FROM	TO	TOTAL				
0	10.0	<u>CASING - OVERBURDEN</u>								
10.0	27.0	<u>ACID TUFF</u> - fairly homogeneous, uniform, fractured; light-medium buff; fractures filled with dark-green chloritic material, < 1/8" in general; faint accented foliation; somewhat mottled due to presence of mafics; composed largely of feldspar, possibly quartz; ≤ 10% mafics-chlorite; < 1% py+po, possibly some sphalerite; some sericite present. Non-magnetic.								
27.0	69.25	<u>BASIC TUFF + ANDESITE + DIORITE</u> - intermixed; upper contact gradational 27-40 - Basic Tuff - dark green with up to 30% narrow carb.-quartz stringers, irregular, generally < 1/4"; largely chlorite + amphiboles 40-69.25 - Andesite to fine grained diorite - med.-dark green-grey; generally fine grained; 70-80% mafics - chlorite + amphiboles, rest is feldspar + minor carb-qtz. stringers. - Some mottled sections due to larger splotches of mafics; irregular qtz-carb. veins to 3/8" - unit has massive appearance, fairly uniform; minor py associated; best mineralization: 54.75-55 - 20% cubic py; non-magnetic.								
69.25	78.5	<u>RHYOLITE</u> - massive, fractured, med.-light grey, buff and	A151	20	54.5	55.5	1.0	-	-	Tr.

Ministère de l'Énergie et des Ressources  
 Gouvernement du Québec  
 Service du Potentiel minéral

DATE: 21 AVR 1982

No G.M.: 38335

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 2 OF 13

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au OZ. TON	Ag OZ. TON	
					FROM	TO					TOTAL
		brownish-grey; hard; buff to orange porphyritic x-tals in places; v. fine grained to aphanitic; fractured with some chlorite + py along fractures; sulfides generally <1%, but thin stringlets in places, <1/8" - This unit is similar or same as 10-27'; Non-magnetic.									
78.5	85.0	<u>MIXED BASIC AND ACID VOLCANICS</u> - laminated in places; some distinct bedding features, probably are tuffs; med.-dark green-grey; non-magnetic ~15% f.-grained py in acid volcanics 78.25-78.5'	4152	25	77.0	78.0	1.0	Nil	Nil	Nil	-
85.0	91.0	<u>ACID TO INTERMEDIATE (DACITIC) FRAGMENTAL VOLCANICS</u> massive to poorly banded; med. grey; probably breccia with clasts up to several inches; intermediate matrix - rhyolite fragments; v. fine to fine grained; fractured; minor py + po in places (<1%)	4153	15	78.0	79.0	1.0	Nil	Nil	Tr	-
91.0	112.0	<u>MIXED MAFIC TO ACID TUFFS</u> - ~25% rhyolitic material rest varies in composition dacitic to mafic; rhyolite breccia in places with chloritic to dacitic matrix; Sericite common; fairly well banded in places, some contortions 109 - 112' - Basic volcanics with common carb.-quartz stringers; med - dark green; - carbonate -qtz is abundant in whole unit as stringers generally <1/4"; minor py - <1%; non-magnetic.									
112.0	165.0	<u>RHYOLITE</u> - fairly uniform; light to med. grey and buff; aphanitic; massive to poorly laminated in places; suggestion of large rhyolite fragments (breccia); common quartz-carb. stringers and a few quartz veins with carbonate;									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 3 OF 13

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au OZ/TON	Ag OZ/TON	
					FROM	TO					TOTAL
		- green-grey matrix; up to 15% sericite; unit is interbanded with more mafic material near base; non-magnetic. - scattered minor sulfides - po + py; best: 141.75 - 142.25 - ~5% po + py associated with quartz-carbonate veining	4154	5	141.5	142.5	1.0	0.012	NIL	0.005	-
		144 - 144.75' - quartz vein + some carb (9"), minor sulfides	4155	<1	144.0	145.0	1.0	-	-	NIL	-
165.0	303.0	<u>BASIC TUFF OR ANDESITE + DACITE</u> - med. green-grey; fine to v. fine grained; homogeneous; common carb.-quartz stringers; faint lamination in places; upper part is more fractured and has a few silicified portions; composition - chlorite + amphiboles + feldspar; essentially massive; actually, this unit can be termed "intermediate (dacitic) tuff"; contains some sericite; ~10-20% quartz-carbonate stringlets up to 1/4" in general; some narrow epidote stringlets; non-magnetic; Very minor disseminated py in places, largely on fracture planes									
303.0	308.5	<u>SERICITIC TUFF</u> - with rhyolite interbands; ~10% quartz-carb. stringers; Med. light grey - acidic to dacitic composition; laminated mainly with some argillaceous and/or chloritic material, ≤10% interbanded; fine to v. fine grained; feldspar - quartz - sericite - chlorite									
		307-308' - Minor chalcopyrite + po + possibly sphalerite; small clusters of sulfides, <1% overall	4156	<1	307.0	308.0	1.0	0.078	NIL	-	-
		309.75' - cp + po (small grains)	4157	<1	309.5	310.5	1.0	0.010	0.004	-	-
		324.75' - cp (minor) associated with carb.-quartz vein	4158	<1	324.5	325.5	1.0	0.003	NIL	Tr.	-
308.5	334.0	<u>DACITIC TO RHYOLITIC TUFF</u> - siliceous mainly; up to 15% sericite; this is actually closer in composition to rhyolitic									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1

SHEET NO. 4 OF 13

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au OZ/TON	Ag OZ/TON	
				FROM	TO	TOTAL					
334.0	336.5	sericitic tuff; similar to 165-303', except more sericitic, more acidic, also better banded, laminated; med. light-grey, v. fine grained, hard to med. hard; only specks of sulfides. <u>GRANITE OR GRANODIORITE?</u> - this could also be a porphyritic rhyolite; light grey-brown; a few bluish-grey qtz. stringers to 2"; uniform, fine to med. grained; composed of feldspar-qtz-biotite-chlorite, porphyritic feldspar x-tals; hard; contacts @ ~70°; ~1% f.grd. disseminated PY.	4159	1	334.0	336.5	2.5	-	NIL	NIL	-
336.5	350.0	<u>DACITIC TO BASIC TUFF</u> - laminated, banded, medium to light green and green-grey; v. fine grained to f.-grained with ~30% interbanded rhyolitic tuff; <u>CONDUCTOR</u> starts @ 342' - bands, stringers of po, minor PY, CP; these stringers up to 1/2", discontinuous to continuous; best sulfides: 345-345.5 - massive po. Narrow carb-qtz veins characteristic of this section overall 342-350' ~20% sulfides - the unit also contains sericitic tuff; 342-343 - Acid-interm. tuff, ~10% carb-qtz. veins 344-345 - As above, ~5-10% po, minor cp. 345-346 - Interm.-acidic tuff, some massive po, minor py (pyrite secondary) 348.5-350 - Po, py in thin stringers in chloritized tuff	4160	20	342.0	343.0	1.0	0.025	0.012	0.01	-
			4161	5-10	344.0	345.0	1.0	0.039	0.120	0.01	-
			4162	40	345.0	346.0	1.0	0.072	0.032	Tr.	-
			4163	10	348.5	350.0	1.5	0.026	0.004	Tr.	-
350.0	396.5	<u>MIXED ASSEMBLAGE OF ACID TO INTERMEDIATE VOLCANICS</u> -rhyolite, sericitic rhyolite tuff, some intermediate tuff and ~15% chloritized sections; generally fairly well banded,									



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 5 OF 13

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Ag	Ag	
					FROM	TO			TOTAL	OZ. TON	OZ. TON
		laminated; light buff to light med. grey; v. fine grained; mainly very siliceous; up to 15% sericite									
		<u>CONDUCTOR</u> continues from previous unit and ends at 371.0 with last po stringer; stringers po, secondary py, minor cp									
		353.25 - 354.25 - acidic volcanics - po, sec. py, minor cp	4164	25	353.25	354.25	1.0	0.040	0.010	0.01	-
		357.5 - 358.5 - po, sec. py	4165	25	357.5	358.5	1.0	0.030	0.006	Tr.	-
		359.5 - 362 - mainly po + fine py, possibly sphalerite	4166	10-20	359.5	362	2.5	0.024	0.005	NIL	-
		363.5 - 366 - stringers, blebs po + sec. py; ~10% qtz-carb. veins	4167	20	363.5	366	2.5	0.028	0.010	NIL	-
		367.5 - 369.25 - stringers po + sec. py, minor cp, some chlorite	4168	20	367.5	369.25	1.75	0.034	0.003	NIL	-
		370.5 - 371.5 - stringers po + sec. py in acid tuff or rhyolite	4169	20	370.5	371.5	1.0	0.038	0.003	Tr.	-
		375.5 - 382 - Largely rhyolitic sericite schist with ~20% Sericite, rest is feldspar, silica; also minor dacite interbanded; contains ~3% fine grained sulfides - po, py, sphalerite, but <u>not</u> conductive									
		375.5 - 377 - sulfides in sericite schist; one 1/2" qtz-carb. vein, possible sphalerite	4170	5	375.5	377	1.5	0.023	0.042	0.005	-
		377 - 379 - disseminated sulfides; minor intermediate tuff	4171	2	377	379	2.0	0.015	0.057	NIL	-
		379 - 382 - disseminated sulfides as above + minor cp in sericitic tuff; sphalerite @ 381'	4172	2-3	379	382	3.0	0.020	0.310	NIL	-
		382 - 389 - 1 to 2% po in rhyolitic tuff									
		389 - 392 - 2 to locally 5% po, py; chalcoprynite @ 390'; not conductive, tuff is argillaceous (chlorite-biotite) 390-392 and looks sheared; sphalerite @ 391'	4173	2-5	389	392	3.0	0.036	0.260	NIL	-
		392 - 393.5 - light brown, very dense, siliceous rhyolite narrow qtz-carb veinlets with minor cp, po	4174	<1	392	393.5	1.5	0.029	0.036	NIL	-
		393.5 - 395.5 - Sericitized rhyolite with dissem. sulfides (po) cp in places	4175	5	393.5	395.5	2.0	0.039	0.053	Tr.	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 6 OF 13

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au OZ TON	Ag OZ TON	
					FROM	TO					TOTAL
		395.5-396.5 - as 393.5-395.5, but less sulfides; some cp @ 396.5	4176	1-5	395.5	396.5	1.0	0.140	0.020	NIL	-
		396.5-397.5 - ~75% milky quartz, rest is basic tuff; minor disseminated sulfides on fractures of quartz	4177	<1	396.5	397.5	1.0	-	-	NIL	-
396.5	413	<u>BASIC TUFF OR ANDESITE</u> - uniform, ~20% carb-quartz stringers; med. green-grey; no mineralization									
413	446	<u>GABBRO</u> - with minor interbanded basic tuff; fine to med. grained, coarse grd. at base - grain size increases toward base; med. green-grey; composition - 50-60% mafics, rest is feldspar; has "poikilitic" or "leopard rock" texture in coarser grained sections; non-magnetic; <1/2% scattered, fine-grained sulfides;									
		- 2.5" carb-quartz vein @ 444.5' cuts core @ 35°; a few po + cp grains	4178	1	444	445	1.0	0.030	0.013	Tr.	-
446	490	<u>BASIC TUFF (50%) - ANDESITE (30%) - GABBRO (20%)</u> - interbanded; common x-cutting qtz-carb. stringers; Sericitized 465-470', ~10%), fine grained, possibly sheared; med. green-grey, gabbroic sections altered, med-coarse grained, speck sulfides.									
		474.5-477 - Feldspar porphyry - light green grey to buff, ~40% porphyritic feldspar x-tals; intrusive contacts @ 55°; minor disseminated py.									
		477-482 - Gabbro - as above, fine grained top to med. grained at base; minor interbanded andesite or tuff.									
		483-483.5 - Feldspar porphyry, as above; discordant intrusive contacts.									
490	495.5	<u>FELDSPAR PORPHYRY</u> - (porphyritic rhyolite?)									

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# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 7 OF 13

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. / TON	OZ. TON
					FROM	TO	TOTAL				
495.5	507	med. light grey; ~ 40% plagioclase porphyroclasts; rest is feldspar-qtz groundmass + 5% chlorite + sericite; hard. <u>BASIC TO INTERMEDIATE TUFF</u> - upper part laminated, banded with some siliceous fragments to 1" which are rounded laminated; med. to light green and grey; minor dissem. py; v. fine grained.									
507	511.5	<u>FELDSPAR PORPHYRY</u> - rhyolitic, with minor basic tuff; hard, med. light grey; finer grained than above units; 512-513' - host core - probably andesite or basic tuff.									
511.5	516.5	<u>BASIC TUFF</u> - as above									
516.5	521	<u>FELDSPAR PORPHYRY</u> - as 490-495.5; lower intrusive contact @ 15°, upper @ 45°									
521	644.5	<u>BASIC TUFF - ANDESITE</u> - medium dark to med. green-grey and green, laminated, banded to more massive (probably andesite); common quartz-carb. stringers < 3/8" in general; 522.5 - 523.75' - Feldspar Porphyry, as previously; contacts flat @ ~ 20°; very minor dissem. sulfides - folding 501-543' - well banded, laminated 596.5-606' - some rounded, siliceous, light grey fragments, bands 612 to 615' 609-609.5' - Two 1" barren quartz stringers - unit contains andesitic sections 606.25-607.25 - Feldspar porphyry - med. grey with med. to coarse grd. porphyroclasts of feldspar (40%) Lower contact @ 35°, upper @ 65°									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 8 OF 13

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ TON	OZ TON
				FROM	TO	TOTAL				
		- a few weakly magnetic spots - due to minor dissem. po associated with qtz-carb. stringlets; unit becomes darker green (more mafic) toward base. 621-621.5', 622', 622.25-622.5' - feldspar and siliceous porphyry bands.								
644.5	647.5	<u>GRANITE ?</u> - med. light grey to buff; porphyritic at top; massive; contains 40-50% feldspar, 5-10% biotite-chlorite, rest is quartz; med. to fine grd; sheared appearance; lower intrusive contact @ 60°, upper @ 65°.								
647.5	648.5	<u>BASIC TUFF</u> - as previously								
648.5	650	<u>ACIDIC INTRUSIVE OR FELSIC TUFF</u> - med. light grey, f. grd., hard; upper, lower conformable contacts @ ~85°; this unit could be sheared porphyry or intrusive rhyolite.								
650	651	<u>BASIC TUFF</u> - as above								
651	655.5	<u>GRANITE TO PORPHYRY</u> - pinkish-grey, porphyritic at top and base; upper contact @ 72°, lower is disconformable, intrusive, irregular; fine to med. grd; ~10% biotite; massive to weakly foliated.								
655.5	662	<u>BASIC TUFF</u> - as above, well banded mainly; common qtz-carb. stringers, andesitic bottom 2'; alternating dark green-black and lighter coloured bands; a little dissem. cp at base. 657.5 - 658 - Feldspar porphyry with intrusive contacts								
662	669.5	<u>GABBRO</u> - As previously; coarse to medium grained at top, decreasing grain size to base; minor basic tuff interbanded; grades to basic tuff at base.								

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 9 OF 13

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Ag	Ag	
					FROM	TO			TOTAL	oz. ton	oz. ton
669.5	707	669-669.5' - Cp splotches and grains associated with gash-veining; no quartz.	4179	2-3	668.5	669.5	1.0	0.610	-	Tr.	-
		<p><u>BASIC TUFF</u> (to 675'), <u>ANDESITE</u> - tuff is dark green to black, andesite med. green; common quartz-carb. veins and also bluish-grey qtz veins &lt; 1/2", ~10% overall. Minor (&lt; 1/2%) disseminated cp.</p> <p>673-675.5' - moderately magnetic - up to 5% Mt, f. grd and minor dissem. sulfides</p> <p>695-698.5' - Gabbro - medium - coarse grd;</p> <p>698.5-703' - Banded, laminated tuff, with a few narrow acidic siliceous interbands (1"-3") toward bottom</p> <p>695-698.5' - Fairly magnetic - 3-5% Mt.</p> <p>698.5-703' - Strongly magnetic - stringlets, veinlets of mt (up to 15%) with 3% dissem. py associated (looks like Iron Formation)</p> <p>703-707' - Andesite - massive, dark green; scattered magnetite associated with qtz-carb. veins.</p> <p>- all of above units have qtz-carb. stringers, generally &lt; 1/2" irregularly cutting core.</p>									
		4180	1-2	698.5	700.5	2.0	-	0.005	NIL	-	
		4181	1-2	700.5	702	1.5	-	NIL	Tr.	-	
707	714.75	<u>DACITIC (INTERMEDIATE) TUFF</u> - med. grey-green, fine grained; fairly uniform; laminated in places with some siliceous interbands; average ~1% finely disseminated sulfides;									
		714.25-714.75' - ~15% medium to coarse cubic pyrite (Gold-bearing zone?) in dacitic to acid, sericitic tuff	4182	10	714	715	1.0	-	-	Tr.	-
714.75	742.5	<u>ACID VOLCANICS</u> - ranging in composition from rhyolite or acidic tuff (fine-med. grd, light-med, lt. grey) to									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 10 OF 13

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au OZ TON	Ag OZ TON	
				FROM	TO	TOTAL					
		sericitic tuff (light grey to light buff coloured, v. fine grd. to aphanitic) to banded tuff containing mafics, including some tourmaline also with acidic bands; some intermediate to mafic interbands; a few aplitic (reddish coloured) veins or possibly altered rhyolite? -minor cp @ 716' -a few (<10%) quartz-carbonate veins -the whole unit has sheared and silicified appearance.									
		718.5 - 719.75 - banded tuff with ~5% fine grained pyrite; one 1/2" quartz stringer and siliceous bands	4183	5	718.5	719.75	1.25	0.012	0.007	Tr.	-
		723 - 724 - up to 5% fine grd. py associated with some quartz stringers and tourmaline in banded tuff + rhyolite	4184	5	723	724	1.0	-	-	0.03	-
		735 - 736 - ~2% fine-grd. py associated with tourmaline rhyolitic tuff; Two quartz stringers ~1/2" cut core at $\angle$ of 20° to 10°.	4185	2	735	736	1.0	-	-	Tr.	-
		742.5 - 743.5 - basic-intermediate tuff with ~3% fine to med. grd. py, dissem; a few very narrow bluish-grey quartz stringers - remainder of acidic unit contains minor, <1% fine-grd. py and the odd speck of cp. Non-magnetic.	4186	3	742.5	743.5	1.0	-	-	Tr.	-
742.5	749.5	<b>BANDED INTERMEDIATE TUFF</b> - with 20-40% felsic material (bands) alternating with mafic bands; med. grey to greyish-green; v. fine grained; gradational with underlying unit; minor scattered sulfides-py; non-magnetic.									
749.5	800.25	<b>BASIC TUFF</b> - as previously; generally laminated, banded non-magnetic except: 755-758' (1-3% Mt);									

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM 81-1 SHEET NO. 11 OF 13

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPH. IDES	FOOTAGE		%	%	OZ. TON	OZ. TON
				FROM	TO	TOTAL	FOLIATIONS - ANGLE WITH CORE		AXIS:	
				FOOTAGE	<°		FOOTAGE	<°	FOOTAGE	<°
800.25	817	medium greyish-green; ~10% narrow qtz + qtz-carb. stringers some fine to medium grained tourmaline in places.								
	817.0'	<u>INTERMEDIATE TUFF</u> - or silicified basic tuff; definitely harder and finer grained than above unit; epidotized; few quartz stringers; minor dissem. cp associated with veinlets and thin orange coloured aplitic veins; 806-810 - fine-grained gabbro - best cp @ 816' - non-magnetic.								
		<u>END OF HOLE</u>								
				79.5	60		537-40	30-10		
				95	50		541-43	Gentle folding - flat ~ parallel to c.a.		
				107	55					
				181	55		551	50		
				204	60		566	55		
				304	77		582	65		
				313	70		590	68		
				326	75-85		593-95	Folding		
				334	73		597	60	742	70
				346	70		603	55	747	70
				350	70		613	51	753	65
				357-80	Folding		616	62	761	75
				362	55		617	80	768	75
				372	35		627	68	787	67
				378	60		638	73	791-94	Folding
				388	60		647	68	795	80
				391	45		660	70	802	42
				411	75		672	65	817	30
				447	70		688	70		
				466	70		702	70		
				488	55		714	65		
				497	65		717	75		
				504	55		719	72		
				527	45		734	60		
				537	30		736-42	Folding		

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 12 OF 13

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS-Au							
FROM	TO		NO.	% SULPHIDES	FOOTAGE		BOR	BRR	XRR	XRJ	AV		
					FROM	TO	oz/t.	oz/t.	oz. ton	oz. ton	oz/t.		
		<u>ASSAYS - SUMMARY</u>	4151		54.5	55.5	1.0	Tr					
			4152		77.0	78.0	1.0	NIL					
		BOR - Original assay - Bourlamaque Assay Laboratories oz./t. Au (Fire-assay)	4153		78.0	79.0	1.0	Tr					
			4154		141.5	142.5	1.0	0.005					
		BRR - Pulp re-run - Bourlamaque Assay Laboratories oz./t. Au (Fire-assay)	4155		144	145	1.0	NIL					
			4158		324.5	325.5	1.0	Tr					
		XRR - Pulp re-run - X-Ray Assay Laboratories oz./t. Au (Atomic Absorption)	4159		334	336.5	2.5	NIL					
			4160		342	343	1.0	0.01		<0.001		0.01	
		XRJ - Reject assay - X-Ray Assay Laboratories oz./t. Au (Atomic Absorption)	4161		344	345	1.0	0.01		0.006		0.01	
			4162		345	346	1.0	Tr					
		AV - Average value - BOR - BRR - XRR - XRJ	4163		348.5	350	1.5	Tr					
			4164		353.25	354.25	1.0	0.02	0.01	<0.001		0.01	
			4165		357.5	358.5	1.0	Tr					
			4166		359.5	362	2.5	NIL					
			4167		363.5	366	2.5	NIL					
			4168		367.5	369.25	1.75	NIL					
			4169		370.5	371.5	1.0	Tr					
			4170		375.5	377	1.5	0.005					
			4171		377	379	2.0	NIL					
			4172		379	382	3.0	NIL					
			4173		389	392	3.0	NIL					
			4174		392	393.5	1.5	NIL					
			4175		393.5	395.5	2.0	Tr					
			4176		395.5	396.5	1.0	NIL					
			4177		396.5	397.5	1.0	NIL					
			4178		444	445	1.0	Tr					
			4179		668.5	669.5	1.0	Tr					



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-1 SHEET NO. 13 OF 13

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS - Au					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			BoR oz/t	BRR oz/t	XRR		oz/t.
					FROM	TO	TOTAL			oz. TON	oz TON	
			4180		698.5	700.5	2.0	NIL				
			4181		700.5	702	1.5	Tr				
			4182		714	715	1.0	Tr				
			4183		718.5	719.75	1.25	Tr				
			4184		723	724	1.0	0.04	0.03	0.029		0.03
			4185		735	736	1.0	Tr				
			4186		742.5	743.5	1.0	Tr				



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-2 LENGTH 537'

LOCATION ISLAND LAKE AREA; CLAIM 322279-2

LATITUDE 9+00E DEPARTURE 11+00N

ELEVATION \_\_\_\_\_ AZIMUTH 146° DIP -54° (COLLAR)

STARTED FEB. 9, 1981 FINISHED FEB. 12, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	51°00'				
300	47°30'				
537	44°45'				

HOLE NO. AM-81-2 SHEET NO. 1 OF 10

REMARKS RECOVERY - 99.5%

CASING LEFT - 6 FEET

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LOGGED BY R.H. HENNING, P. ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			% Cu	% Zn	Au OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	6	<u>CASING - OVERBURDEN</u>									
6	6.5	<u>RHYOLITE</u> - med. light grey; thin "wisps" of sericite + sphalerite? This could be part of a boulder.									
6.5	31	<u>DACITE</u> - medium grey to greyish-green; v. fine grained, uniform, massive and fractured; moderately hard; a few narrow qtz-carb. veins, <5%; non-magnetic Feldspar porphyry - 6.25-8.0', 9.5-10.5' - medium grd., sheared, medium lt. grey.									
31	37	<u>DACITIC TUFF</u> - med. dk green to green-grey; 5-10% thin qtz-carb. veinlets; v. fine grained; 31.25-32 - carb-qtz vein, barren									
37	39	<u>DACITE</u> - as above; moderately hard; minor disseminated po and possible sphalerite (<2%); 2" qtz-carb. vein at base with some sulfides near contacts.	4187	<2	37	39	2.0	0.011	0.022	Tr.	
39	47	<u>SERICITIC ACID TUFF</u> - medium grey to grey-green; v. fine grained; schistose, finely laminated, banded; contains disseminated po and some sphalerite in streaks Best sphalerite 45-47 (perhaps 2-3%) 39-41 - finely banded tuff, a little po, possible sphalerite 41-43 - as above 43-45 - as above, a little sphalerite 45-47 - as above, ~2-3% sphalerite, minor po.	4188	<1	39	41	2.0	0.020	0.142	NIL	
			4189	<1	41	43	2.0	0.013	0.100	NIL	
			4190	<1	43	45	2.0	0.015	0.151	NIL	
			4191	2-3	45	47	2.0	0.006	0.580	NIL	

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-2

SHEET NO. 2 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au OZ / TON	OZ TON	
				FROM	TO	TOTAL					
47	61.75	<u>RHYOLITE</u> - Aphanitic, light grey, uniform, massive, fractured; thin wisps of chlorite + sericite; minor sphalerite? Minor sulfide mineralization at base. 47-49 - minor sphalerite in rhyolite 49-51 - " " " " 51-56 - " " " " 56-61 - " " " "	4192	<1	47	49	2.0	-	0.155	-	
			4193	<1	49	51	2.0	-	0.153	-	
			4194	<1	51	56	5.0	-	0.030	-	
			4195	<1	56	61	5.0	-	0.039	-	
			4196	<1	61	62	1.0	-	0.385	-	
61.75	98	<u>RHYOLITIC TO INTERMEDIATE TUFF</u> - med. grey to grey-green; finely laminated in places; ~5% thin quartz-carb. veinlets, ~1% disseminated sulfides - po, cp, sphalerite 5-10% sericite; unit is largely massive 62-64 - ~2% po + minor sphalerite in dacitic tuff, quartz-carb. veining 64-67 - 1-2% sulfides - minor cp, sphalerite in rhyolite to intermediate tuff 67-72 - as above - some possible fine sphalerite	4197	2	62	64	2.0	-	0.167	-	
			4198	1-2	64	67	3.0	0.016	0.021	-	
			4199	1-2	67	72	5.0	0.007	0.017	-	
98	105.5	<u>RHYOLITE</u> - medium-light grey; aphanitic, brecciated? some fragments recognizable; massive; <1% fine-grained sulfides (po, cp, sphalerite)									
105.5	116	<u>BANDED TUFF OR SEDIMENT</u> - medium grey to black; appears to be graphitic in places; siliceous; light grey to green-grey and buff bands (finely laminated) alternate with mafic-rich bands; crenulated in places; very fine grained to aphanitic; has sheared or silicified appearance; sericitic; contains 5-10% quartz and qtz-carb. veinlets and veins 1/4" - 2 1/2"; hard; appears to be composed									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-2

SHEET NO. 3 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	% Cu	% Zn	Au OZ. TON	OZ. TON
		of sericite, silica and graphite? - contains disseminations, thin streaks of po, minor cp, possibly some sphalerite. - interval from ~109-116' is fairly magnetic - this is probably the mag. anomaly + conductor							
		105.5-107' - little sulfides, silicified tuff; 1" barren qtz-carb vein at 105.5'	4200	<1	105.5 107 1.5	0.013	0.023	NIL	
		107 - 111.5' - ~2% po, possible sphalerite in sheared, graphitic tuff.	3301	2	107 111.5 4.5	0.020	0.021	NIL	
		111.5 - 113.5' - Qtz-carb. vein 112 - 112.5' with some blebs, dissem. po+py; rest is tuff containing up to 5% streaks po.; 2 narrow quartz veins 113 - 113.5'	3302	5	111.5 113.5 2.0	0.028	0.055	NIL	
		113.5 - 116' - Graphitic tuff ~5% po streaks, one 1" qtz-carb. vein @ 115.5'	3303	5	113.5 116 2.5	0.025	0.038	Tr.	
116	118	<u>BASIC TUFF</u> - minor rhyolitic "porphyry" and rhyolitic sericite schist at base; med gn-grey to light grey; some qtz-carb. veining, minor sulfides (po, cp, possible sphalerite)							
		116-118 - minor sulfides	3304	<1	116 118 2.0	0.009	0.011	NIL	
118	121.5	<u>FELDSPAR PORPHYRY</u> - medium grey; sheared, silicified; med-coarse grd, sheared, altered feldspar phenocrysts in fine grd. siliceous ground mass; contains <1% disseminated cp+py.							
121.5	154	<u>INTERMEDIATE TUFF</u> - med. grd, med. green-grey; ~30% felsic minerals; contains very f. grd. disseminated sulfides, <1%; uniform, very weakly foliated; non-magnetic.							

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-2 SHEET NO. 4 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au OZ/TON	OZ TON
				FROM	TO	TOTAL				
154	187	GABBRO (75%) and interbanded <u>INTERMEDIATE TUFF</u> (20%) and 5% sheared acidic intrusive; gabbro is medium-dark green, fine to coarse grd; tuff becomes darker coloured down-hole and approaches andesitic composition in places; 184.5 - 185.5 - light to med. grey aphanitic rhyolite? with ~5% sericite; similar unit 186.5 - 187. - non-magnetic - scattered cp, po and possibly sphalerite is associated with carb-qtz veinlets cutting gabbro (~5-10% vein material; best cp 157.5-158 ~2%; 5% po, minor cp 171.5-174.5	3305	2	157.5	158.5	1.0	0.041	0.007	Tr
187	193	<u>BASIC TUFF</u> - v. fine grd, dark to med-dark green; weakly to well foliated and banded in places; <5% qtz-carb. vein material; contains minor (<1%) po, cp Non-magnetic.	3306	5	171.5	174.5	3.0	0.032	0.008	<0.001
193	197.25	<u>FELDSPAR PORPHYRY</u> - med. grey, med. to coarse feldspar phenocrysts; as above; weakly foliated in upper part; contains <1% dissem. po, cp.; upper contact @ 70°, lower @ 85°								
197.5	286.5	<u>ANDESITE</u> - moderately well to unfoliated; medium dark to dark green; v. fine grained; epidotized in places; ~10% white quartz-carb. veinlets max. 1/4", barren; 199.5-200.5 - Feldspar porphyry - med. to dark grey with ~30% white feldspar phenocrysts, med. grd. Upper contact @ 65° - "shot through" with 1/16" - 3" veins of qtz-carb and carb-qtz both parallel to foliation and discordant; Non-magnetic.								

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-2

SHEET NO. 5 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPH IDES	FOOTAGE		% Cu	% Zn	Au OZ TON	OZ TON
				FROM	TO	TOTAL				
286.5	289.5	unit contains < 1/2% scattered, disseminated po+py. <u>FELDSPAR PORPHYRY</u> - as previously; med. grey; ~30% white-buff feldspar phenocrysts in med. grey siliceous ground mass; silicified bands in places; upper contact @ 55° definitely intrusive; lower @ 85°								
289.5	348.25	<u>ANDESITE</u> - as previously; a few "flow breccia" sections with angular fragments; 10% qtz-carb. and carb-qtz veinlets, < 3", most are 1/16" to 1/4"; scattered, minor fine-grd. py, best: 310.5-312 - 1 to 5% py locally associated with qtz-carb. veinlets 343.75' - 1" quartz vein (minor carb.) with ~5% fine grd. py over 1" along edges 340-341 - Feldspar porphyry + granite, med. pinkish-grey 344.5-345.75' - granitic? porphyry, dark pinkish-grey 348.25-348.75' - granitic feldspar porphyry as 344.5-345.75' - minor, sporadic tourmaline - non-magnetic	3307	~1-5	310.5	312	1.5	-	-	40.005
			3308	~1-5	324	327	3.0	-	-	Tr
			3309	<1-2	327	329	2.0	-	-	Tr
			3310	~1	343.25	344.25	1.0	-	-	Tr
348.25	356.75	<u>BASIC TUFF</u> - med green-grey; as previous units; fine to med. grd. ~15% qtz-carb vein material < 1/2" 351.25-352 - Feldspar porphyry, med. pinkish-grey; ~65% white to pinkish and buff feldspar phenocrysts. - non-magnetic.								
356.75	362	<u>GABBRO</u> - as previously; med.-coarse grd., massive to weakly foliated with minor basic tuff inter bands; non-magnetic.								
362	389	<u>BASIC TUFF AND ANDESITE</u> - medium-dark green and black; fine to very fine grd, sheared in places;								

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY

FANCAMP TWP.

HOLE NO. AM-81-2

SHEET NO. 6 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au	
					FROM	TO			TOTAL	OZ. TON
389	397	-contains very minor scattered disseminated py <1/2% ; gabbroic texture in places -magnetic, weak to strong 379.5-385.5' - mt + some fine grained py associated <u>ACIDIC TO INTERMEDIATE TUFF</u> - sheared, silicified, possibly silicified mafic volcanic? ; moderately hard banded appearance with abundant carbonate ; medium green-grey to light grey, pinkish and buff coloured ; -siliceous and some mafic material, but no quartz - tourmaline vein material, except a few very narrow discordant qtz. stringers ; contains <1% to 5% locally fine to medium grained cube py ; best mineralization : 395-396.75 - ~5% fine to med. grd. py. 389-390.5 - ~2% fine grd. cube py in silicified volcanic 395-396.75 - ~5% fine to med. cubic py.								
			3311	2	389	390.5	1.5	-	-	Tr.
			3312	5	395	396.75	1.75	-	-	0.02
397	402	<u>BASIC TUFF</u> - as previously ; contains up to 25% carbonate ; weakly foliated - ~1% fine-med. cube py - non-magnetic								
402	440	<u>ANDESITE</u> - as previously ; medium green to black, laminated ; abundant (20%) carb-qtz. vein material, 1" to 1/16" ; some of the wider veins exhibit brecciation ; veins barren ; contains only specks sulfides, <1/2% non-magnetic <u>GRANITE</u> - med. pinkish grey, fine to med. grd, massive 414-417, 418.75-421 ; weakly foliated in places ; Contacts 417'-25° ; 418.75'-50°								

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-2

SHEET NO. 7 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au OZ TON	OZ TON
				FROM	TO	TOTAL				
440	444.5	<u>ACIDIC TUFF</u> - Sheared, generally fine to v. fine grained with feldspar clasts up to 1/4"; contains silica, feldspar, 5-10% fine-grd. biotite + sericite; weakly to moderately well foliated upper contact @ 88°, lower @ 82°, essentially conformable contains some silicified portions; barren of sulfides.								
444.5	456	<u>ANDESITE</u> - as previously; ~15% carb-qtz veinlets, 1/2" or less; massive to well foliated, laminated; non-magnetic.								
456	458.75	<u>SILICIFIED TUFF</u> (probably silicified basic tuff or andesite) - med. green-grey; v. fine grained; banded and contorted in places; contains narrow quartz-carb. and quartz-carb.-tourmaline veins; 457.5-458' - ~70% qtz-carb-tourmaline vein material with ~5% fine to med. grd. cube py within veins and along contacts; - sulfides throughout unit - 1-5% fine to medium cube py, a few coarse cubes - 460.5' - 2" quartz-carb. veinlets with 5% fine to med. cube py.	3313	1-5	456	458.25	2.25	-	-	0.03
458.75	466	<u>ANDESITE</u> - massive to banded and silicified in places; ~15% qtz-carb. vein material; becoming lighter coloured than previous units toward base; non-magnetic; <1/2% dissem. py generally, locally more	3314	<1/2	458.25	460	1.75	-	-	Tr.
			3315	2	460	461	1.0	-	-	NIL
466	506.5	<u>INTERMEDIATE TUFF (DACITE) + GABBRO OR DIORITE</u> interbanded; gabbro as previously, fine to med. grd.; tuff is fine grained, med. green-grey mainly, appears to be silicified in places; <1/2% cp + py								



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-2

SHEET NO. 8 OF 10

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		% Cu	% Zn	Au	
					FROM	TO			TOTAL	OZ TON
		Gabbro: 469.5 - 472; 479.5 - 481'; 502.5' - 506'								
		495.25' - a little cp in cross-fracture	3316	<1	494.5	495.5	1.0	0.018	-	NIL
		483-484' - carb-qtz vein material ~ 1" on 1/2 of core, barren								
		485-486.5 - ~90% Quartz vein material in intermediate-basic tuff, some carb., barren	3317	-	485	486.5	1.5	-	-	NIL
		- unit is non-magnetic								
506.5	537	<u>ANDESITE TO BASIC TUFF</u> - largely andesite, as previously; Some epidotization; med. dark to dark green and black; contains up to 20% carb-qtz and qtz vein material:								
		511.75 - 512.5 - Milky qtz, barren, contacts ~ parallel to foliation;	3318	-	511.5	512.5	1.0	-	-	NIL
		503' - 1" milky qtz vein, barren;								
		528' - 2" milky qtz vein, barren								
		530.25 - 532' - Granitic, siliceous intrusive; med. light red to orange and pink; has narrow quartz stringers silicified, sheared; composed of feldspar - quartz - sericite; contacts @ 63° conformable								
		532.5' - 1" intrusive, as 530.25 - 532'								
		532 - 537' - Stubby medium grained <u>tourmaline</u> in andesite in weakly foliated bands; up to 15% locally - unit contains only specks sulfides - py + minor cp - non-magnetic throughout								
	537	<u>END OF HOLE</u>								

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-2 SHEET NO. 9 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ TON
				FROM	TO	TOTAL				
				FOLIATIONS - ANGLE			WITH	CORE	AXIS:	
				FOOTAGE	∠°		FOOTAGE	∠°		
				41	75		385	65		
				62	65 (contact)		390	80		
				72	55		395	65		
				106	85-90		409	65		
				112	75-80	} AV. 80°	417	35		
				116	70		427	65		
				122	55		440	70		
				142	65		452	65		
				147	57		456	75		
				185	78		457	458	- folding (shear?)	
				193	73		460	70		
				199	70		473	78		
				216	65		491	70		
				231	73		507	70		
				260	79		508	65		
				268	68		518	70		
				277	75		527	70		
				285	70		532	68		
				297	65					
				307	72					
				322	80					
				335	75					
				348	75					
				367	50					

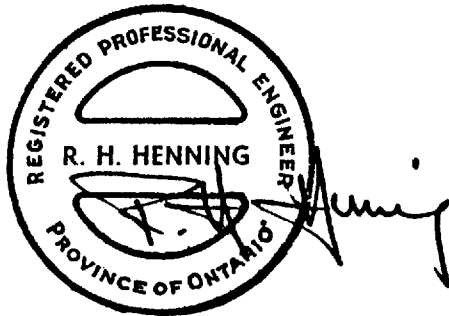
# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TWP.

HOLE NO. AM-81-2 SHEET NO. 10 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au							
FROM	TO		NO.	% SULPH IDES	FOOTAGE		BOR oz/t.	BRR oz/t.	XRR oz ton	XRJ oz ton	AV oz/t.		
					FROM	TO						TOTAL	
		<u>ASSAYS - SUMMARY</u>	4187		37	39	2.0	Tr					
		BOR, BRR, XRR, XRJ, AV - see LOG AM-81-1 for explanation	4188		39	41	2.0	NIL					
			4189		41	43	2.0	NIL					
			4190		43	45	2.0	NIL					
			4191		45	47	2.0	NIL					
			4200		105.5	107	1.5	NIL					
			3301		107	111.5	4.5	NIL					
			3302		111.5	113.5	2.0	NIL					
			3303		113.5	116	2.5	Tr					
			3304		116	118	2.0	NIL					
			3305		157.5	158.5	1.0	Tr					
			3307		310.5	312	1.5	0.01		<0.001	<0.001	<0.001	
			3308		324	327	3.0	Tr					
			3309		327	329	2.0	Tr					
			3310		343.25	344.25	1.0	Tr					
			3311		389	390.5	1.5	Tr					
			3312		395	396.75	1.75	0.01	0.02	0.015	0.013	0.02	
			3313		456	458.25	2.25	0.03	0.03	0.027	0.026	0.03	
			3314		458.25	460	1.75	Tr					
			3315		460	461	1.0	NIL					
			3316		494.5	495.5	1.0	NIL					
			3317		485	486.5	1.5	NIL					
			3318		511.5	512.5	1.0	NIL					
			3306		171.5	174.5	3.0	-		<0.001	<0.001	<0.001	



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-3 LENGTH 297'

LOCATION ISLAND LAKE AREA; CLAIM 322279-2

LATITUDE 11+09 E DEPARTURE 8+46 N

ELEVATION \_\_\_\_\_ AZIMUTH 145° DIP -45° (COLLAR)

STARTED FEB. 14, 1981 FINISHED FEB. 15, 1981

## ACID DIPT TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	38°45'				
280	TEST TUBE	BROKE			

HOLE NO. AM-81-3 SHEET NO. 1 OF 9

REMARKS RECOVERY - 99.9%

CASING PULLED

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LOGGED BY R.H. HENNING, P. ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	16.5	<u>CASING - OVERBURDEN</u>										
16.5	27.5	<u>ANDESITE AND GABBRO</u> - med. - dark green, fine to very f. grained (andesite); massive to weakly foliated; 18.5-20.25' - gabbro with minor dissem. potcp @ 20.5' over 1"; - unit contains ~5% carb. - qtz. veinlets < 1/4" - minor dissem. f. grd. py 26.75-27.5'; - 16.5-20.5' mod. to strongly magnetic - veinlets, dissem. magnetite	3319	2	19.5	20.5	1.0	0.026	0.010	Tr	-	
			3320	<1	22.5	23.5	1.0	0.022	-	Tr	-	
27.5	29.5	<u>SILICIFIED TUFF</u> - highly sheared; acid to intermediate composition; silica + feldspar + sericite, chlorite, biotite, carbonate; distinct unit - laminated, banded; a few narrow qtz - carb. veins < 1/2" with some py; scattered py, fine-grained in thin seams 1% to locally 5%; light to med. grey and buff colour; Non-magnetic.	3321	1-2	26.5	27.5	1.0	-	-	Tr	-	
			3322	1-3	27.5	29.5	2.0	-	-	Tr	-	
29.5	35.0	<u>INTERMEDIATE TUFF</u> - sheared, laminated, similar to above unit but less siliceous; contains silica, carb; dark bands, probably biotite - chlorite; crenulations suggestive of shearing; med. green-grey; only; specks of sulfides; non-magnetic; 25-30% carbonate	3323	<1/2	29.5	35.0	5.5	-	-	Tr	-	
35.0	44.5	<u>ACID TUFF</u> - highly silicified, sheared, predominantly light grey to light buff with a few interbands of med. grey,										

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-3

SHEET NO. 2 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
				FROM	TO	TOTAL					
		more mafic tuff; aphanitic to v. fine grained; silica-feldspar-sericite-biotite or fine grained tourmaline? thin cre-wlated mafic laminae suggestive of shearing; ~5% carbonate									
		41.25 - 42.75 - ~80% quartz with minor carbonate, white to greyish with 5-10% tourmaline; ~5% fine to medium cube pyrite disseminated in vein material;	3324	1	35	37	2.0	-		Tr	-
		35 - 41.5' - < 1/2 to locally 5% sulfides - pyrite	3325	1	37	38	1.0	-		Tr	-
		42.75 - 43.5' - 15-20% locally, average 10% fine to med. pyrite, best at lower contact of quartz vein.	3326	1-5	38	39.5	1.5	-		0.04	-
		43.5 - 44.5' - 1-2% f. grd. py.	3327	1	39.5	41.25	1.75	-		0.02	-
			3328	5-20	41.25	43.5	2.25	0.010		0.07	-
			3329	1-5	43.5	44.5	1.0	-		0.02	-
44.5	46.75	<u>INTERMEDIATE TUFF</u> - similar to 29.5-35; ~50% feldspar + some carbonate, rest is mafics; < 1/2% dissem. py; med. green-grey; moderately well foliated to massive.									
46.75	48	<u>ANDESITE</u> - massive, with ~30% feldspar filling vesicles; med. - dark green, fine grained, soft, chloritic.									
48	51	<u>ALTERED BASIC TO INTERMEDIATE TUFF</u> - sheared, med. light grey to dark green, moderately well to well foliated, fine to v. fine grained; similar texturally to 44.5-46.75'; a few narrow (< 1/2") qtz-feldspar-carb. - tourmaline veinlets; ~2% fine cubic py 48.25 - 50.0' unit in carbonate-rich.									
51	55	<u>ACID TUFF, RHYOLITE</u> - sheared, silicified, light to med. grey; silica + feldspar + sericite + biotite + tourmaline; aphanitic to fine grained. 51 - 52.5 - highly sheared, silicified tuff; ~1% fine grd. dissem. cube py; 52.5 - 53 - 3" qtz-carb. vein with 40% fine-grd. tourmaline	3330	2	48.25	50.0	1.75	-		Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-3

SHEET NO. 3 OF 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		Cu %	Zn %	Au OZ/TON	Ag OZ/TON	
					FROM	TO					TOTAL
		~5% fine to medium grained cubic pyrite associated ;	3331	5	52	53	1.0	-	-	0.01	-
		53-55 - Rhyolite - light grey, f. grained ; <1% py; silicified at base ;	3332	<1	53	54.5	1.5	-	-	Tr	-
		54.5-55 - 3 1/2" of quartz-carb. vein material, 5% f.-grd. tourmaline, 10% fine to coarse pyrite.	3333	5-10	54.5	55.5	1.0	-	-	0.14	-
55	93.5	<u>ANDESITE</u> - dark to med. green and black; v. fine grd.; some epidotization; very minor f. grd. py; scattered carb-qtz and qtz-carb veinlets 3" to 1/16" (~10% vein material); tuffaceous in places;									
		78.5-91 - ~20% vein material with 5% fine grained tourmaline to base									
		81.75-83.5 - ~40% carb-qtz vein material, a few flecks of pyrite	3334	<1/2	81.75	83.5	1.75	-	-	Tr	-
93.5	102	<u>SILICEOUS TUFF</u> - sheared, similar to above units; med. light-grey; fine to v. fine grd; well to moderately foliated; gradational from above unit (probably is silicified andesite or basic tuff); buff-yellowish colouration in places due to alteration at veins; ~20% disseminated carbonate									
		93.5-96.5 - <1% to locally 5% fine to med. cube py, mainly associated with qtz-tourmaline veins;	3335	<1	93.5	94.75	1.25	-	-	Tr	-
		95' - 1/2" tourmaline, 2% f. grd. py	3336	1-5	94.75	95.75	1.0	-	-	0.02	-
		95.5' - 1" - 3% f. grd. py associated with narrow qtz-carb. veins	3337	5	95.75	97.4	1.65	-	-	0.16	-
		96-96.5' - highly altered, gentle folding; ~20% tourmaline, 5% fine to med-coarse py associated with feld-silica-tourmaline veining									
		-sporadically magnetic 61-79', very strong 78-79';									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-3 SHEET NO. 4 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
102	132	dissem. magnetite + some py associated; also thin stringlets; 79-102 is non-magnetic; 97-97.5' - highly sheared, very hard, silicified tuff with 5% med to coarse cube py, minor tourmaline. <u>BASIC TUFF, ANDESITE</u> - fine grained, med. - dark green and green-grey, as previously; ~10% < 1/2" carb-qtz veinlets; tuff contains scattered minor fine to med. py; best section 118.5-119' - 1 to locally 5% py. 115.5-116.75' - sheared, med. light grey porphyry (feld-silica) with ~2% cp in fractures, veinlets 120.5-122 - sheared porphyry? looks like above acid volcanic units; med-light grey; qtz + feld + biot - basal 4" has some tourmaline, highly sheared; 1-2% py within this interval; contacts conformable; 127.25-130.5 - Feldspar Porphyry - med. light grey to med. pinkish-buff grey; upper part sheared, f. grd; lower is definitely porphyritic - ~40% feldspar phenocrysts; upper contact @ 45°, conformable; lower is irregular, definitely intrusive; only minor py associated.	3338	3	118	119	1.0	-	-	0.01	-
			3339	2	115.5	116.75	1.25	0.160	-	0.01	-
			3340	1-2	121	122	1.0	-	-	0.01	-
132	160	<u>ANDESITE</u> - distinct from above unit in that it is laminated, banded; med-dark to dark green, epidotized; contorted in places; sporadically weakly to strongly magnetic-dissem., blebs, stringlets of magnetite; minor (< 1/2%) finely dissem. py.									
160	187.25	<u>BASIC TUFF</u> - medium-dark green and green-grey, as previously; 10-20% qtz-carb. veins generally < 1/2"; 184.75-187.25 - med-dk grey, somewhat silicified section									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-3

SHEET NO. 5 OF 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON		
					FROM	TO	TOTAL						
		with some tourmaline; minor (1%) fine py. 183.25' - thin orange aplitic dyke - sporadic py (upto 2% locally) in carbonate tuff, best 167-168' (2%) - non-magnetic											
187.25	197	<u>ANDESITE - BASIC TUFF</u> - dark green to black, massive; 25% carb-qtz vein material; v. fine grd; chloritic, soft; < 1/2% scattered, f. grd. py; non-magnetic; 188.25-188.75 - 3 narrow (1/2") reddish aphanitic, ap- litic dykes; 189.75-190.25 - same as 188.25-188.75, but whole interval is dyke (light-med. reddish). - poorly foliated in places.	3341	2	167	168	1.0	-	-	Tr	-		
			3342	2	172	173	1.0	-	-	Tr	-		
			3343	1	186	187	1.0	-	-	Tr	-		
197	208.5	<u>ANDESITE</u> - laminated, as above; minor (< 1/2%) py; highly magnetic 198-208											
208.5	232.5	<u>BASIC TUFF AND ANDESITE</u> - interbanded, as previ- ously; ~ 10% qtz-carb. veins; somewhat silicified in places; non-magnetic; scattered py mineralization. 213.75' - 25% py over 1/2" - fine to med. 215.75-216 - white to orange qtz stringer (~ 1") with 5% py in this interval; 217' - ~ 1% fine py associated with tourmaline 218' - 1" white qtz vein containing one bleb of cp. 222' - 3" orange aplite or quartz 227-228' - a few fine to med. py grains	3344	2	213.5	214.5	1.0	-	-	Tr	-		
			3345	3	215.5	216.5	1.0	-	-	Tr	-		
			3346	1	217	218	1.0	-	-	Tr	-		
232.5	254	<u>ANDESITE</u> - as above, mainly laminated, epidotized, but some portions massive; v. f. grd; strongly magnetic											



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-3

SHEET NO. 6 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ TON	OZ TON
254	256.25	from 235.5 - 241' with veins of magnetite; weakly mag. 243-254'; mt. vein @ 248.5'; generally < 1/2% py; 250-250.25' - ~5% med-coarse cube py. <u>BASIC TUFF</u> - as previously; ~15% qtz-carb. vein material and also carb. in tuff; < 1/2% py.	3347	3	250 251 1.0	-	-	Tr	-
256.25	262	<u>ANDESITE</u> - massive to mod. foliated; ~20% qtz-carb. material; very minor py; non-magnetic.							
262	297	<u>ANDESITE AND BASIC TUFF</u> - interbanded, as previously; f. grd, med. green-grey to med. green and black; decreasing qtz-carb vein material to base (~5% overall); weakly to strongly magnetic; 274.75-275 - red coloured aplitic intrusive with qtz vein and 3% network py - scattered minor fine to med. cube py elsewhere not assoc. with veins; - a few pink to orange aplitic dykes conformable to foliation - magnetic to 295'	3348	2	274.5 275.5 1.0	-	-	Tr	-
	297	<u>END OF HOLE</u>							

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP  
 HOLE NO. AM-81-3 SHEET NO. 7 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ TON
				FROM	TO	TOTAL				
			FOLIATIONS - ANGLE WITH CORE AXIS :							
				FOOTAGE	∠°		FOOTAGE	∠°		
				18	70		197	75		
				27.5	65 (contact)		207	80		
				37	57		212	70		
				41	62		227	70		
				44	60		243	65		
				51	65		246	70		
				62	70		256	65		
				73	70		267	60		
				92	70		287	80		
				95	Tourmaline veins 85°		290	80		
				95.75-96.5	folding		295	75		
				97	60					
				127	55					
				132	60					
				139-45	folding					
				146	75					
				147	72					
				157	65					
				158.5-163	folding					
				175	70					
				178	70-75					

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-3 SHEET NO. 8 OF 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS - Au					
FROM	TO		NO.	% SULPH IDES	FOOTAGE		BOR oz/t.	BRR oz/t.	XRR oz. TON	XRT oz TON	AV oz/t.	
					FROM	TO						TOTAL
		ASSAYS - SUMMARY	3319		19.5	20.5	1.0	Tr				
		SEE LOG AM-81-1 for explanation	3320		22.5	23.5	1.0	Tr				
			3321		26.5	27.5	1.0	Tr				
			3322		27.5	29.5	2.0	Tr				
			3323		29.5	35.0	5.5	Tr				
			3324		35	37	2.0	Tr				
			3325		37	38	1.0	Tr				
			3326		38	39.5	1.5	0.04	0.04	0.036		0.04
			3327		39.5	41.25	1.75	0.02		0.022		0.02
			3328		41.25	43.5	2.25	0.06	0.06	0.099		0.07
			3329		43.5	44.5	1.0	0.02		0.015		0.02
			3330		48.25	50	1.75	Tr				
			3331		52	53	1.0	0.01		0.010		0.01
			3332		53	54.5	1.5	Tr				
			3333		54.5	55.5	1.0	0.13	0.12	0.162		0.14
			3334		81.75	83.5	1.75	Tr				
			3335		93.5	94.75	1.25	Tr				
			3336		94.75	95.75	1.0	0.02		0.015		0.02
			3337		95.75	97.4	1.65	0.16	0.16	0.166		0.16
			3338		118	119	1.0	0.01		0.004		0.01
			3339		115.5	116.75	1.25	0.02		0.003		0.01
			3340		121	122	1.0	0.01		0.013		0.01
			3341		167	168	1.0	Tr				
			3342		172	173	1.0	Tr				
			3343		186	187	1.0	Tr				
			3344		213.5	214.5	1.0	Tr				
			3345		215.5	216.5	1.0	Tr				

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP  
 HOLE NO. AM-81-3 SHEET NO. 9 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		BoR oz/t	BRR oz/t	XRR OZ. TON	XRJ OZ. TON	AV oz/t.	
					FROM	TO						TOTAL
			3346		217	218	1.0	Tr				
			3347		250	251	1.0	Tr				
			3348		274.5	275.5	1.0	Tr				
		<u>AVERAGES:</u>			38.0	43.5	5.5					0.05
					38.0	44.5	6.5					0.04
					52.0	54.5	3.5					0.04
					94.75	97.4	2.65					0.11



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC  
 HOLE NO. AM-81-4 LENGTH 297'  
 LOCATION ISLAND LAKE AREA; CLAIM 322279-2  
 LATITUDE 9+09 E DEPARTURE 8+43 N  
 ELEVATION \_\_\_\_\_ AZIMUTH 145° DIP -45°  
 STARTED FEB. 16, 1981 FINISHED FEB. 17, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
0	43°				
100	41°15'				
280	36°45'				

HOLE NO. AM-81-4 SHEET NO. 1 OF 7

REMARKS RECOVERY - 99.9%  
CASING PULLED

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LOGGED BY R. H. HENNING, P. ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	11	<u>CASING - OVERBURDEN</u>										
11	75	<u>ANDESITE</u> - med. dark green to black, v. fine grd; epidotized in places; fairly uniform; laminated to poorly foliated; 5% qtz-carb. vein material 1/16" - 1/4"; 11.25 - 11.5 - 3 1/2" white qtz-carb vein, no sulfides 14.25 - 14.5 - 3" white qtz-carb vein, no sulfides 18.75 - 19.75 - 2 narrow qtz-carb. veins with ~2% f. grd. py 35.0 - 36.25 - siliceous dyke? may be altered porphyry; med. grey; silica - feld - biot. - chlorite - a few narrow, weakly silicified sections 57.5 - 58 - a few grains, specks of cp in narrow veinlets cutting silicified andesite - a few weakly magnetic sections, otherwise non-mag. 44.25 - 45' - a little fine-grd py; 62.25' - 1/4" discontinuous patch of f. grd. py. 74.75 - 75.5, 64.5 - 66.5, 67.25 - 67.5 - med. grey feldspar-qtz porphyry dykes, fractured, veined; upper contact @ 45°; a little f. grd. py at upper contact.										
			3349	0	11.0	12.0	1.0	-	-	NIL	-	
			3350	0	14.0	15.0	1.0	-	-	NIL	-	
			3351	2	18.75	19.75	1.0	-	-	Tr	-	
			3352	1	57	58	1.0	-	-	0.01	-	
			3353	1	61.5	62.5	1.0	-	-	Tr	-	
			3354	1-2	63.25	64.5	1.25	-	-	Tr	-	
75	87.75	<u>BASIC TUFF</u> - med. green-grey; f. grd; 10% qtz-carb. veinlets < 1"; no sulfides, non-magnetic.										
87.75	92	<u>GABBRO</u> - med. dark green; med - f. grd; decreasing grain										

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-4

SHEET NO. 2 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ / TON	OZ TON	
				FROM	TO	TOTAL					
92	99.5	size to base; sheared, poorly foliated, non-magnetic. <u>ANDESITE</u> - sheared, dark green to black; weakly to mod. foliated; v. fine grd., lower half has sheared, gabbroic appearance, coarse grained at base; weakly to strongly magnetic 93-99 with <1/2% f.grd. dissem. py.									
99.5	128.25	<u>BASIC TUFF</u> - as 75-87.75; ~10% barren qtz-carb. vein material; 100.5-101.75' - silicified, very minor py; non-magnetic, except 110-127' which is strongly magnetic with dissem., veins mag. -andesitic in places from 107-128.25 with 5% qtz-carb. veins -only minor f.grd. py in places; <1/2% overall.									
128.25	129.25	<u>SILICIFIED TUFF</u> - rhyolitic, sericitic, acidic composition; hard; light to med grey, aphanitic; highly schistose, banded; gradational with enclosing units; a few narrow light grey qtz veins (<1/2") near base with f.grd. py associated; some f.grd, sheared tourmaline; ~2% f.grd. py disseminated overall.	3355	2	128.25	129.25	1.0	-	-	0.01	-
129.25	134	<u>BASIC TUFF</u> - altered, carbonate-rich (20% carb); med-dark green-grey; slightly silicified in places; minor dissem. f.grd. py; non-magnetic. @ 132.5 - 1" carb-qtz vein with a few blobs cp.	3356	<1	132.0	133.0	1.0	0.026	-	Tr	-
134	138	<u>ACID TUFF</u> - silicified, sericitic, buff to light brown and light grey; highly schistose; 10% sericite, rest is aphanitic qtz-feld; minor biot., tourmaline 137.25-138 - white quartz vein with 5% f.grd. tourmaline.	3357	1	134.0	137.0	3.0	0.004	0.002	Tr	-
			3358	1-2	137.0	138.0	1.0	-	-	0.01	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-4

SHEET NO. 3 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
138	158	and 2% fine to rare med. cube py + minor cp. - rest of unit contains minor py; non-magnetic. <u>BASIC TUFF</u> - as previously, carbonate-rich with <5% carb-qtz stringers, but abundant dissem. carb (20-25%) med.-dark green-grey; scattered fine to med py dissem. in places (generally <1%); 138 - 139.25 - best sulfides - 2-5% fine cube py (from lower contact of qtz vein) 150.75' - Narrow orange feldspar-qtz stringer with minor py. - unit is non-magnetic - scattered med. cube py (~1%) 155.5 - 157.0'.	3359	2-5	138.0	139.25	1.25	-	-	0.01	-
			3360	1/2	150.0	151.0	1.0	-	-	Tr	-
			3361	2	153.5	154.5	1.0	-	-	Tr	-
158	166.75	- unit is non-magnetic - scattered med. cube py (~1%) 155.5 - 157.0'. <u>SILICIFIED TUFF</u> - carbonate-rich, f.grd, med. to med.-light grey and greenish-grey; banded in places (carb-silica + mafic bands), laminated; <5% qtz and carb-qtz veins; sericitic (~10% sericite); looks highly sheared; local patches of f.grd. cube py; non-mag. 158.25' - 1/8" seam of dissem. fine py and minor py in 1" carb.-qtz vein 162.5 - 163 - ~5% f.grd. py associated with sheared carb.-qtz material - fine grd. sulfides occur elsewhere, but minor (<1/2%)	3362	1	157.75	159	1.25	-	-	0.01	-
			3363	2	162.25	163.25	1.0	-	-	Tr	-
166.75	180	<u>SHEARED FELDSPAR PORPHYRY OR RHYOLITE?</u> - altered, sericitized, essentially conformable contacts; light-buff to brownish to med. lt. grey; rounded (due to shearing?) grains of feldspar in siliceous groundmass; probably is porphyry of rhyolitic composition; contains									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-4 SHEET NO. 4 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ TUN
					FROM	TO	TOTAL				
180	201	minor f. grd. py (<1/2%) 179.75 - 180 - white to grey qtz vein material with ~5% tourmaline and <1/2% py. <u>BASIC TUFF</u> - highly altered, containing abundant carbonate, which decreases downward; some tourmaline present; banded, sheared in upper part (may be dacitic in part); med. green to green-grey; non- magnetic; contains 20-30% qtz-carb. vein material, max. 3"; only minor py present.	3364	<1/2	179.5	180.5	1.0	Cu	Zn	Au	Ag
201	257.5	<u>ANDESITE, BASIC TO DACITIC TUFF</u> - inter banded; fairly hard, f. grd; med. green-grey to dark green and black; banded, laminated mainly; fine grd. ~5% qtz vein and carb-qtz vein material; epidotized in places; best vein material @ 249.5' - 3" milky white quartz, Sericitized, altered feldspar, barren; - non-magnetic - only very minor (<1/2%) dissemin. fine to med. cube py.	3365	1/2	192	193	1.0	-	-	Tr	-
257.5	273.25	<u>INTERMEDIATE TO BASIC TUFF</u> - med. green to med. dark green, fine grd to med. grd.; carbonate-rich (up to 30% carb.); weakly to moderately foliated in general; minor (<5%) quartz and quartz-carb. vein material; minor tourmaline associated with thin veins; 271.5' - 1 1/2" milky-white qtz vein - non-magnetic									
273.25	293	<u>ANDESITE</u> - with minor basic tuff; med. dark to dark green and black; moderately to unfoliated; ~5% fine grd. tourmaline, 10% carb.-qtz vein material <3/8"									

LANGRIDGES - TORONTO - 366-1168



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-4 SHEET NO. 5 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
		-generally scattered fine py, overall < 1/2%.									
		280' - 1/4" qtz-carb.-tourmaline vein with a little py, cp.	3366	1	279.5	280.5	1.0	-	-	Tr	-
		253' - ~ 3% fine pyrite over ~ 1"	3367	1	253	254	1.0	-	-	Tr	-
		- a few reddish-orange intrusive aplitic dykes									
		274-276' - magnetic (moderate); rest of unit is weakly to non-magnetic.									
		282.75 - 284.25 - reddish-brown fine grd. intrusive (feld-qtz-carb.) shot through with light grey quartz stringers; upper contact very irregular, lower conformable; barren; non-mag.									
		284.25 - 285 - highly carbonated tuff - 35% med. grd. carbonate grains; texturally, looks like diorite; med. green-grey, barren; non-mag.									
293	297	<u>ANDESITE</u> - similar to previous units, laminated, banded, med. dark to dark green; becoming slightly silicified toward base; v. fine grained to aphanitic; very few < 1/8" qtz-carb. stringers; schistose; - minor py (< 1/2%) - weakly to moderately magnetic in upper part only.									
	297	<u>END OF HOLE</u>									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-4 SHEET NO. 6 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
					<b>FOLIATIONS - ANGLE WITH CORE AXIS:</b>						
					FOOTAGE	∠°				FOOTAGE	∠°
					12	75				157	75
					27	80				166	72
					42	60				183	65
					52	67				197	75
					58	75				204	72
					61	65				217	75
					71	80				227	80
					72-77	Folded				237	72
					84	70				247	80
					94	50				255	75
					101	65				272	75
					122	60				281	70
					128	80				297	65
					134	70					
					137	65					
					142	80					
					151	80					

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-4 SHEET NO. 7 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - <sup>AU</sup>					
FROM	TO		NO.	% SULPH IDES	FOOTAGE		BOR oz/t	RRR oz/t	XRR oz. TON	XRI oz. TON	AV oz/t.
					FROM	TO					
		ASSAYS - SUMMARY	3349		11	12	1.0	NIL			
		SEE LOG AM-81-1 for explanation	3350		14	15	1.0	NIL			
			3351		18.75	19.75	1.0	Tr			
			3352		57	58	1.0	0.01	0.003		0.01
			3353		61.5	62.5	1.0	Tr			
			3354		63.25	64.5	1.25	Tr			
			3355		128.25	129.25	1.0	0.01	0.004		0.01
			3356		132	133	1.0	Tr			
			3357		134	137	3.0	Tr			
			3358		137	138	1.0	0.01	0.008		0.01
			3359		138	139.25	1.25	0.01	0.005		0.01
			3360		150	151	1.0	Tr			
			3361		153.5	154.5	1.0	Tr			
			3362		157.75	159	1.25	0.01	20.005		0.01
			3363		162.25	163.25	1.0	Tr			
			3364		179.5	180.5	1.0	Tr			
			3365		192	193	1.0	Tr			
			3366		279.5	280.5	1.0	Tr			
			3367		253	254	1.0	Tr			
		<u>AVERAGES :</u>			137	139.25	2.25				0.01



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

## ACID DIP TESTS (CORRECTED)

NAME OF PROPERTY EANCAMP TOWNSHIP - QUEBEC  
 HOLE NO. AM-81-5 LENGTH 332'  
 LOCATION ISLAND LAKE AREA; CLAIM 322279-5  
 LATITUDE LINE 20+00E DEPARTURE 10+22N  
 ELEVATION \_\_\_\_\_ AZIMUTH 145° DIP -15° (COLLAR)  
 STARTED FEB. 19, 1981 FINISHED FEB. 21, 1981

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	42°15'				
300	39°15'				

HOLE NO. AM-81-5 SHEET NO. 1 OF 12  
 REMARKS RECOVERY - 99.9%  
CASING PULLED  
 DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMA  
 LOGGED BY R.H. HENNING, P. ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO					TOTAL
0	8	<u>CASING - OVERBURDEN</u>									
8	55	<u>ANDESITE</u> - and possibly v. fine grained basaltuff; dark green to med. dark green; fairly uniform; laminated to massive; 5% carb-qtz material < 1/4"; epidotization common; 17.75-19.25 - feldspar porphyry - buff to brownish; 40% feldspar phenocrysts (med. - coarse grained) in aphanitic med. - dark grey groundmass; lower contact @ 78°. 25.5-33.5' - massive dark green-black andesite shot through with irregular carb-qtz veinlets ~15%. 29.75-30.0 - buff - reddish brown aplitic dyke with carb-qtz veins, minor py - similar narrow dykelets elsewhere; 38.5-39.25 - silicified, epidotized andesite or tuff; folded; light green to med. dark green; 1-2% dissemin. py. 52.5-54 - ~1% fine to med. cube py. 55.25-55.5 - 2.5" qtz-carb. vein material with 2% fine med. py.									
			3411	<1/2	26	31	5.0	-	-	Tr	-
			3412	<1/2	31	33	2.0	-	-	NIL	-
			3368	1-2	38.5	39.5	1.0	-	-	Tr	-
			3369	1-2	55	56	1.0	-	-	NIL	-
55	58	<u>INTERMEDIATE TUFF</u> - (perhaps silicified basaltuff?) med. green-grey; f. grd.; poorly foliated, folded; ~3% py associated with narrow carb-qtz stringers 55-56.5' and disseminations elsewhere (fine to coarse py); 56.5-56.75' - 2" qtz-carb-tourmaline vein material with									
			3370	<1	56	57	1.0	-	-	Tr	-

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# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-5 SHEET NO. 2 OF 12

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	
					FROM	TO	TOTAL					
		<p>&lt; 1% fine-grained py. - strongly magnetic 8.5-9.5' (veins magnetite) @ 53.25' - 1" vein of mt, qtz-carb.; rest of unit is non-magnetic; 57-58 - ~1% finegrd py; 1/4" x-cutting tourmaline carb-qtz vein.</p>										
58	79.75	<p><u>ANDESITE TO BASIC TUFF</u> - fine grained, as previously but not banded; dark green-grey to black with increasing carbonate toward base, av. ~15%; massive to mod. foliated. 69.25-69.75' - med. red aplitic granitic intrusive band with qtz veinlets and minor py 76.5-79.75' - ~80% light-med. reddish coloured aplitic intrusive, rest is scattered bands of basic tuff or andesite, ~10% qtz-carb. vein material, very minor py; - scattered py mineralization up to 5% locally - fine to coarse</p>	3371	1	57	58	1.0	-	-	Tr	-	
			3372	2	58	60.25	2.25	-	-	Tr	-	
			3373	5	65.5	66.5	1.0	-	-	0.005	-	
79.75	114.25	<p><u>INTERMEDIATE TUFF</u> - sheared, silicified; med. grey to med. green-grey; mod. well to poorly foliated; carbonate-rich; contains ~25% intrusive material 82.0-83.25 - light reddish, fine grained granitic intrusive material (aplitic), barren. 100.25-104 - highly altered, sheared feldspar porphyry med-lt. green-grey with ~25% dissem. carbonate and 1/2" qtz-carb-tourmaline stringer at top with 3% med. cube py.</p>										

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-5 SHEET NO. 3 OF 12

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPH. IDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
		103.5 - 104 ~ 5% fine-coarse cube py, dissem; upper contact @ 70°, lower 50°									
		95.5 - 96.75' - Aplitic dyke - as before; minor enclosed tuft, barren.									
		80.0 - 81.75' - Scattered fine-med. py, ~ 3% overall	3374	3	80.0	81.75	1.75	-	-	Tr	-
		81.75 - 86.75 - barren									
		86.75 - 87.75' - ~ 25% qtz-carb. vein material, 1/4"-1" veins; ~ 2% fine py in tuft;	3375	2	86.75	87.75	1.0	-	-	NIL	-
		89 - 91.5 - ~ 35% qtz-carb. vein material, only minor py at contacts and within (< 1%);	3376	<1	89.0	91.5	2.5	-	-	Tr	-
		91.5 - 91.75 - ~ 40% qtz-carb. vein material, possibly tourmaline; well mineralized with 10% fine to coarse py in tuft and some in veins;	3377	10	91.5	92.5	1.0	-	-	0.14	-
		96.75 - 97 - ~ 3% fine grd. py.									
		97.25 - 100.25 - 1 to locally 10% fine to coarse py, mainly med. py; folding	3378	10	97.25	98.25	1.0	-	-	0.05	-
		100.25 - 103.5 - Porphyry - barren	3379	1-5	98.25	100.25	2.0	-	-	0.02	-
		103.5 - 104 - Base porphyry - altered with ~ 10% fine to coarse cube py.	3380	5-10	103.25	104.25	1.0	-	-	0.05	-
		104.25 - 105.5 - sheared, carbonated tuft; 1 to 5% fine to med. grd. py.	3381	3	104.25	105.5	1.25	-	-	0.005	-
		Magnetic properties: 65.5 - 110.5 - mostly magnetic, weak to strong; dissem, fine stringers of magnetite. Becomes more strongly magnetic toward base (tufts only, intrusives are non-mag.)									
		105.5 - 108 - reddish, buff and pink, fine grained aplitic intrusive; altered, sheared, barren; lower contact @ 60°.									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP  
 HOLE NO. AM-81-5 SHEET NO. 4 OF 12

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO					TOTAL
		111.25-112.5 - pinkish and buff-grey, f.grd. sheared granitic rock; intrusive contacts @ 80-90°, sericitized; - minor fine grained py+cp at base 108' to base, crenulations are common (suggestive of shearing).									
114.25	148	<u>ANDESITE</u> - and inter banded acid intrusive material (granitic); andesite as previously, containing only minor qtz-carb. vein material, <5% as thin stringers 1/4" or less;									
		116-117.5 - fine grained aphanitic, reddish-brown to pink granitic intrusive; lower 1.0' is medium-pink-grey, sl. porphyritic granite; lower contact 50°, upper 75°. Some cp (~1%) associated.	3382	1	116	117.75	1.75	0.210	-	Tr	-
		121-123 - med. red granitic intrusive, fine grained; contacts sharp and irregular 50° lower, ~20° upper, minor py.									
		137.5-138.75 - Porphyry; med. pink-grey + some pink to red granitic material; minor tuff interbanded with ~1% py.									
		144-147.25 - feldspar porphyry or porphyritic granite; med. pink-grey, medium grained, silicified, sheared with minor quartz vein material; 146 to base - minor py.	3383	<1	146	147.25	1.25	-	-	NIL	-
		149-149.5 - pinkish-grey porphyry - as above.									
		127' - 1/4" quartz-carb. stringer in andesite with a little py, cp.	3384	<1	126.5	127.5	1.0	-	-	NIL	-
		- rest of unit contains only specks of py here and there. Andesite is sporadically weakly to strongly magnetic.									
148	165.5	<u>ANDESITE</u> - v.f.grd., massive to weakly foliated,									

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# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-5

SHEET NO. 5 OF 12

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
		very little qtz-carb. vein material; dark green; 5-10% dissem. carbonate; 162' to base - slightly silicified, definitely harder; 155' - 1/4" carb-qtz stringer with some coarse py; fine grd. py adjacent. 158.25 - 1/4" qtz vein with minor py in tuff at upper contact. 158.5 - 161.75 - granite or porphyry, sheared; med. pink-grey; 160.5 - 162.0' - up to locally 3% py - very minor scattered f. grained py occurs elsewhere. - unit is non-magnetic.									
165.5	189	<u>ANDESITE</u> - dark green to black, laminated, banded (light green to black) as previously + ~20% intruded granitic material - feldspar porphyry and aplitic dykes pink to red coloured. 174 - 175.75 - aplitic, reddish-buff, f. grd. granitic dyke. - narrower units of granitic material elsewhere ~5% carb-qtz vein material generally < 1/4" 168 - 170.25 - a few carb-qtz veins < 1/2"; scattered cp within these + up to 2% fine-med. py in ande-site. 181.5 - 1/4" carb-qtz veinlet with some cp. < 1/2% f. grd. py elsewhere - unit is sporadically moderately to strongly magnetic - x-cutting veinlets and disseminations of magnetite.	3385	2	154.5	155.5	1.0	-	-	Tr	-
			3386	<1	157.5	158.5	1.0	-	-	NIL	-
			3387	1-3	160.5	162	1.5	-	-	NIL	-
			3388	1-2	168	170.25	2.25	0.035	-	NIL	-
			3389	<1/2	181.5	182.5	1.0	0.160	-	Tr	-



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP  
 HOLE NO. AM-81-5 SHEET NO. 6 OF 12

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO	% SULPHIDES	FOOTAGE		%	%	OZ TON	OZ TON		
				FROM	TO	TOTAL						
189	200.75	<p><u>SILICIFIED TUFF</u> - (silicified basaltuff) - med. dk. grey and green-grey to dark green; v. fine grd; ~30% feldspar porphyry and intrusive granitic material                      189 - 191 - pink-grey med. grd. feld. porphyry                      198 - 200 - granite - med - coarse grd; porphyritic; reddish-pink-grey;                      -narrower porphyry and aplitic bands elsewhere                      190 - 196.5 - narrow carb-qtz, x-cutting irregular veinlets one is 1"; cp and some py associated; av. 1% sulfides, locally up to 2%.                      -minor py elsewhere                      -slightly magnetic at base, very weakly to non-mag elsewhere.</p>										
			3390	1	190	192	2.0	0.120	-	NIL	-	
			3391	1	192	194.5	2.5	0.025	-	Tr	-	
			3392	1	194.5	196.5	2.0	0.065	-	NIL	-	
200.75	288.25	<p><u>BASIC TUFF</u> - fine grained, fairly uniform, banded and laminated; med. dk to dark green; composed of amphiboles - biotite - feldspar; feldspar saussuritized; Intruded granitic material, as follows:                      204.25 - 208.25 - aplite and granite, as previously 1-2% f. grd. dissem. cube py; upper contact @ 80°, lower 75°                      209.75 - 213.5 - light red altered aplitic intrusive, porphyritic at top and bottom, similar to above; contains some med - coarse cube py toward base;                      226 - 226.5 - pink-red granite, med. - coarse grained, 1% fine py;                      229.5 - 230.5 - pink, med - coarse grd. granite, &lt; 1/2% py.                      237.25 - 237.75 - as 229.5 - 230.5, &lt; 1/2% py.</p>										

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# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-5 SHEET NO. 7 OF 12

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON			
					FROM	TO					TOTAL		
		238.25 - 239 - pink granite as above; discordant contacts, no sulfides.											
		240.0 - 243.0 - med. light grey to pinkish foliated intrusive rock; could be older than granite and then sheared; essentially rhyolitic composition with ~5% biotite, feldspar + qtz. sheared porphyry? barren.											
		201.25' - cp disseminated over ~1" in tuff	3393	41	200.75	201.75	1.0	0.090	-	Tr	-		
		201.75 - 204.25 - 3" aplitic intrusive in tuff with carb-qtz vein; py in vein and adjacent; some coarse cube py elsewhere	3394	1-2	201.75	204.25	2.5	-	-	NIL	-		
		207.25 - 208.25 - 3" aplitic intrusive in tuff with carb-qtz vein; py in vein and adjacent; some coarse cube py elsewhere	3395	1-2	207.25	208.25	1.0	-	-	NIL	-		
		208.25 - 209.75 - tuff with 2% coarse to fine py, cp, minor carb-qtz.	3396	2	208.25	209.75	1.5	0.100	-	NIL	-		
		211.5 - 212.5 - @ 212' med - coarse py in fractures in granite (aplite); minor pyrite elsewhere - av. ~2%.	3397	2	211.5	212.5	1.0	-	-	NIL	-		
		- tuff is sporadically magnetic throughout, some of granite is too; strongly magnetic @ 244'.											
		249 - 257.5 - Basic tuff - massive to poorly foliated, f. grd; dark green; a few narrow qtz - carb and granitic intrusive bands;											
		257 - 257.5 - ~5% fine py increasing to granite contact;	3398	3	257	258	1.0	-	-	0.04	-		
		257.5 - 260 - Porphyritic granite - fine grd., foliated; 5% biotite, pink-grey, looks like older intrusive; a few quartz and qtz - carb. veins with minor py, cp. (av. ~1% py)	3399	1	258	260	2.0	-	-	Tr	-		
		260 - 262.5 - fine to med. grd. tuff, med. green-grey;											

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-5 SHEET NO. 8 OF 12

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ TON		
					FROM	TO	TOTAL						
		abundant carb; thin intrusive aplitic granitic dykelets, essentially parallel to foliation;											
		260-261.5 - ~2% fine to med. py	3400	2	260	261.5	1.5	-	-	Tr	-		
		261.5-262.5 - well mineralized - 5 to 10% fine and some med. py.	3401	5-10	261.5	262.5	1.0	-	-	0.02	-		
		262.5-263.5 - granite - med. grd, pink, ~5% biotite, <1% py;											
		263.5-267 - Basic tuff, andesite, very little quartz-carb. vein material; a few granitic intrusive bands; up to 5% med-coarse and some fine py, decreasing toward bottom;	3402	5	263.5	265.5	2.0	-	-	0.005	-		
		267-271.5 - Andesite or tuff, fair carbonate, a few thin qtz-carb. veinlets, <1% py;	3403	2	265.5	267	1.5	-	-	Tr	-		
		271.5-274.75 - Granite - med-fine grd, pink; intrusive contacts ~    to foliation; <1% fine cube py.											
		274.75-288.25 - mainly dark-green andesite, minor tuff;											
		274.25-275.5 - ~3% med-coarse cube py.	3404	3	274.25	275.5	1.25	-	-	Tr	-		
		276.5-277.5 - up to 2% locally, py; in one spot @ 277.25 over 1" 15%; fine to med. and some coarse py.	3405	5	276.5	277.5	1.0	-	-	Tr	-		
		282.5-283 - 1-2% med-coarse py	3406	1-2	282	283	1.0	-	-	Tr	-		
		288-288.25 - ~2% med-coarse cube py and a grey qtz-carb. vein at contact with granite (1") and a little py in underlying granite.	3407	1-2	288	289	1.0	-	-	NIL	-		
		- some tourmaline below 277.5' in volcanics.											
288.25	332	<u>GRANODIORITE</u> - contact with volcanics @ 70°											

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-5 SHEET NO. 9 OF 12

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
		- <u>no</u> volcanic interbands - med. grd, light pinkish grey in upper 3', then light red to pink; ~10-15% mafics (biotite), ~40% qtz rest is feldspar, ~50% of which is saussuritized (pale green); non-equigranular; weakly foliated to massive; fractured in places; some grey qtz veins and aplitic material; to 298' and to 332', contains <1% fine-grd. cube py, locally a little more, rarely med. py and some cp. - unit is sporadically magnetic (veinlets, dissem.) magnetite - moderate to weak. 308.25 - 320 - altered, med. red with a little grey qtz and x-cutting magnetite veins; magnetite to bottom of hole - sporadic. - a few very narrow chloritic shears. - best cp 315.5 - 318.									
			3408	1	312	315.5	3.5	-	-	0.005	-
			3409	1/2-1	315.5	318	2.5	0.130	-	NIL	-
			3410	<1	325	327	2.0	-	-	NIL	-
332		<u>END OF HOLE</u>									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-5 SHEET NO. 10 OF 12

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
					FOLIATIONS - ANGLE WITH CORE AXIS:						
						FOOTAGE	∠°		FOOTAGE	∠°	
						10	75		200	80	
						22	75		203	82	
						35	70		216	82	
						47	69		225	62	
						56-56.5-folded			236	67	
						57-58 folded			249	90	
						59	70		257	70	
						67	80		262	67	
						81	70-90		271	70	
						82	78		277	75	
						88	90-80		285	65	
						94	70-90				
						97-98-folding					
						99	75				
						104	69				
						108	70-90				
						119	70				
						129	75				
						137	75				
						151	85				
						157	75				
						167	75				
						176	70				
						186	68				
						196	73				

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-5

SHEET NO. 11 OF 12

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au								
FROM	TO		NO.	% SULPH IDES	FOOTAGE		BOR	BRR	XRR	XRJ	AV			
					FROM	TO	TOTAL	oz/t.	oz/t.	oz/TON	oz/TON	oz/t.		
		<u>ASSAYS - SUMMARY</u>	3368		38.5	39.5	1.0	Tr						
		SEE LOG AM-81-1 for explanation	3369		55	56	1.0	NIL						
			3370		56	57	1.0	Tr						
			3371		57	58	1.0	Tr						
			3372		58	60.25	2.25	Tr						
			3373		65.5	66.5	1.0	0.005						
			3374		80.0	81.75	1.75	Tr						
			3375		86.75	87.75	1.0	NIL						
			3376		89	91.5	2.5	Tr						
			3377		91.5	92.5	1.0	0.13		0.150			0.14	
			3378		97.25	98.25	1.0	0.06		0.045			0.05	
			3379		98.25	100.25	2.0	0.02		0.011			0.02	
			3380		103.25	104.25	1.0	0.06		0.035			0.05	
			3381		104.25	105.5	1.25	0.005		0.004			0.005	
			3382		116	117.75	1.75	Tr						
			3383		146	147.25	1.25	NIL						
			3384		126.5	127.5	1.0	NIL						
			3385		154.5	155.5	1.0	Tr						
			3386		157.5	158.5	1.0	NIL						
			3387		160.5	162	1.5	NIL						
			3388		168	170.25	2.25	NIL						
			3389		181.5	182.5	1.0	Tr						
			3390		190	192	2.0	NIL						
			3391		192	194.5	2.5	Tr						
			3392		194.5	196.5	2.0	NIL						
			3393		200.75	201.75	1.0	Tr						
			3394		201.75	204.25	2.5	NIL						

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-5 SHEET NO. 12 OF 12

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS - Au						
FROM	TO		NO.	% SULPH IDES	FOOTAGE			BOR	BRR	XRR	XRJ	AV	
					FROM	TO	TOTAL						%
			3395		207.25	208.25	1.0	NIL					
			3396		208.25	209.75	1.5	NIL					
			3397		211.5	212.5	1.0	NIL					
			3398		257	258	1.0	0.05		0.022		0.04	
			3399		258	260	2.0	Tr					
			3400		260	261.5	1.5	Tr					
			3401		261.5	262.5	1.0	0.03		0.006		0.02	
			3402		263.5	265.5	2.0	0.005					
			3403		265.5	267	1.5	Tr					
			3404		274.25	275.5	1.25	Tr					
			3405		276.5	277.5	1.0	Tr					
			3406		282	283	1.0	Tr					
			3407		288	289	1.0	NIL					
			3408		312	315.5	3.5	0.005					
			3409		315.5	318	2.5	NIL					
			3410		325	327	2.0	NIL					
			3411		26	31	5.0	Tr					
			3412		31	33	2.0	NIL					
			<u>AVERAGES:</u>			97.25	100.25	3.0					0.03



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-6 LENGTH 324'

LOCATION ISLAND LAKE AREA; CLAIM 322279-5

LATITUDE 18+44E DEPARTURE 9+70N

ELEVATION \_\_\_\_\_ AZIMUTH 145° DIP -45° (COLLAR)

STARTED FEB. 22, 1981 FINISHED FEB. 24, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	39°15'				
300	32°00'				

HOLE NO. AM-81-6 SHEET NO. 1 OF 9

REMARKS RECOVERY - 99.9%  
CASING PULLED

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LOGGED BY R.H. HENNING, P.ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	10	<u>CASING - OVERBURDEN</u>										
10	15.5	<u>ZONE OF SILICIFICATION, QUARTZ-CARBONATE-TOURMALINE VEINING</u> - altered, weathered, leached mainly; 10-14.5 - Pale green to green grey; ~20% tourmaline, 5-10% qtz-carb. veins and vein material mainly associated with tourmaline; folded and contorted mainly due to shearing or vein intrusion; weathered - altered brown mineral (ankerite?) in top 3'; fragmented inclusions of silicified tuff (brecciated); only a few specks of py (f.grd) in this interval. 14.5 - 15.5 - Intermediate tuff; light-med. green-grey; ~5% tourmaline, 10% carb-qtz vein material; no sulfides. - non-magnetic	3413	<1	10.0	12.25	2.25	-	-	NIL	-	
			3414	<1/2	12.25	14.5	2.25	-	-	Tr	-	
15.5	57.5	<u>BASIC TUFF AND ANDESITE</u> - interbanded; med. dark to dark green; f. grd; abundant carb.-qtz material - veins, veinlets < 1/2" and 15-20% aplitic granitic bands; partially leached, weathered with pitting, brown spots to 18.5' - sporadic minor py, cp mineralization (average < 1%) 20.5 - 21.5 - ~5% fine to med. py (cubic) associated with carb-qtz veinlets and in tuff.	3415	<1	14.5	18.0	3.5	-	-	Tr	-	
			3416	1	18.0	20.5	2.5	-	-	NIL	-	
			3417	5	20.5	21.5	1.0	-	-	Tr	-	



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-6

SHEET NO. 2 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ. TON	OZ. TON	
		42-47' - a few magnetic spots - mod. to strong; rest of unit is non-mag.								
		47.5 - 50.5 - Feldspar - Qtz Porphyry - light grey; ~5% Sericite, weakly foliated; lower contact @ 65°, upper 45°; conformable, sheared.								
57.5	93	<u>INTERMEDIATE TO ACID TUFF</u> - with minor silicified basic tuff; variable appearance - upper portion is mainly laminated (alternating mafic-rich and siliceous bands); lower portion is mainly weakly foliated, fine-med. grd. acid-intermediate tuff, homogeneous, light green-grey to med green-grey and grey; scattered aplitic granitic and qtz-carb. vein material, 1" to 1.0'. contains tourmaline - ~5%; also tourmaline in qtz veins which vary in thickness from 1/4" to 2", but are widely scattered; unit is quite calcareous.								
		57.5-58.75 - ~5% tourmaline, thin qtz-carb-tourmaline veins, 1-2% fine py.	3418	1-2	57.5 58.75 1.25	-	-	Tr	-	
		61-62.5 - Qtz vein and aplitic material, minor py, cp	3419	<1	61.0 62.5 1.5	-	-	Tr	-	
		68.25 - 3/8" folded qtz stringer with a little py	3420	1	68.25 69.25 1.0	-	-	Tr	-	
		70.5-70.75 - 1" qtz stringer and several coarse py cubes in tuff below	3421	1	69.25 70.25 1.0	-	-	Tr	-	
		72.25-76 - basic tuff, minor silicified, carb.-rich tuff, minor sulfides, ~2% locally	3422	2	70.25 72.25 2.0	-	-	NIL	-	
		72.25-76 - basic tuff, minor silicified, carb.-rich tuff, minor sulfides, ~2% locally	3423	1	72.25 73.25 1.0	-	-	Tr	-	
		76-77 - a few thin qtz-tourmaline veins, minor fine py	3424	<1	76.0 77.0 1.0	-	-	Tr	-	
		79-79.75 - ~50% white quartz, minor tourmaline, py	3425	3	79.0 80.25 1.25	-	-	Tr	-	
		80.0' - 10% med-coarse py in magnetite-rich tuff; max. 1/4" cubes;								

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-6

SHEET NO. 3 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
		81.5 - 82.5 - ~5% py, very coarse cubes in places, 1/4" or greater;	3426	5	81.5	82.5	1.0	-	-	Tr	-
		83.75 - 85.75 - scattered med. py in magnetite-rich tuff; aplite - qtz intrusive, minor py 85 - 85.75'	3427	3	83.75	85.75	2.0	-	-	Tr	-
		87.0 - 88.5' - 1-2% py; one very coarse cube @ 78.25'	3428	1-2	87.0	88.5	1.5	-	-	0.01	-
		88.5 - 89.5 - up to 5% py - several coarse (1/4" to 3/8") cubes adjacent to aplite vein from 79.0 - 79.5; sulfides along contact of this intrusion	3429	3	88.5	89.5	1.0	-	-	0.03	-
		90.75 - 92.5 - Patches of py, average ~5% - fine to very coarse; 3/8" cube @ 92.25'; a few narrow aplitic dykelets - minor py elsewhere.	3430	5	90.75	92.5	1.75	-	-	0.04	-
93	97	- very magnetic from 69.5 to base - contains 5-10% disseminated, fine grd. magnetite. <u>DACITIC TO BASIC TUFF</u> - v. fine grained to aphanitic; looks sheared and silicified, hard; med. - dark green grey; contains <5% tourmaline, narrow (<3/8") qtz stringers, knots and 2 aphanitic red-coloured aplitic intrusive bands 4" and 3" - contains scattered fine to coarse py, especially at contacts of intrusives and also within these; best py: 95-96.5 ~5% - unit is moderately magnetic.									
		92.5 - 95.0 - ~1-2% fine py associated with qtz veinlets	3431	1-2	92.5	95.0	2.5	-	-	0.01	-
		95.0 - 96.5 - ~5% py, 2 aplitic bands; fine to coarse py.	3432	5	95.0	96.5	1.5	-	-	0.04	-
97	107	<u>BASIC TUFF - ANDESITE</u> - dark green to black, silicified, v. fine grained to aphanitic; looks sheared; hard, ~5% qtz - carb. vein material - narrow veinlets essentially parallel									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-6

SHEET NO. 4 of 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	
					FROM	TO	TOTAL					
		to foliation and als as x-cutting veins; a few aplitic veins; - barren, except:										
		97.0-98.0 - 2 aplite + qtz-carb.-tourmaline veins 1" and 3"; ~1% py overall; most sulfides adjacent to veins - unit is sporadically moderately magnetic to 102'.	3433	1	97.0	98.0	1.0	-	-	Tr	-	
107	140.25	<u>ANDESITE AND BASIC TUFF</u> - fine grd., mostly banded laminated (light green to grey and dark green-black laminae) as in previous holes; the unit above this is probably same, but slightly silicified. - contains little qtz-carb. vein material, mostly from 137-140.25' (10-15%) 115.0-118.0 - feldspar porphyry - medium pinkish-grey; med. grd; essentially conformable contacts, upper 72°, lower 55°; - 107-124.5' - sporadically med. - strongly magnetic, containing veins, dissem. magnetite; from 124.5' to base there are only a few magnetic spots. 110-111 - 1/4" carb-qtz vein cutting cone ~ 11 to axis; magnetite + a few grains cp. 123.75-125.25 - ~5% py - disseminated, associated with siliceous bands and carb-qtz; fine to med. cubes. 139.25-140.25 - several qtz-carb. stringers up to 1 1/2"; ~5% py @ 139.25 over 1" - scattered minor sulfides elsewhere - a few narrow granitic interbands toward base										
140.25	162.75	<u>GRANITE</u> - pink to red, med. grd mainly with some aphanitic, aplitic sections; 5-10% biotite + mafics;										

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-6

SHEET NO. 5 OF 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON		
					FROM	TO	TOTAL						
		10% grey qtz veins, max. 5 1/2", rest 1/4" to 1" - contains minor py, average < 1/2% - upper contact discordant with vein material; lower is discordant @ 65° - non-magnetic											
		143.25 - 144.25 - 2 - 1" qtz veins and a little py	3437	< 1	143.25	144.25	1.0	-	-	Tr	-		
		148.0 - 149.0 - ~70% grey qtz vein material - no sulfides	3438	0	148.0	149.0	1.0	-	-	NIL	-		
162.75	251	<u>ANDESITE AND BASIC TUFF</u> , 20% granitic inter-bands; similar to 107-140.25, but lighter green coloured, more tuffaceous and less well banded. Contains < 5% grey-white qtz + carb. vein material; Mainly well foliated, very schistose Sporadically magnetic from 224.5 - 248.5' - moderate to strong; 196 - 197 - one narrow 3/8" grey qtz stringer with minor fine py 200.5 - 248.5 - largely andesite with minor tuff, gabbro 210.0 - 214.0 - Granite - pink to light red, as previously med. grd, somewhat porphyritic and aplitic in places; Very minor fine-grd. py. - narrow, 6" or less granitic and feldspar porphyry bands elsewhere. - unit contains scattered disseminated fine to med. cube py. 242 - 242.75 - ~ 3% med. py 246 - 248.5 - 1-2%, locally 5% fine to med. py, ~5% carb-qtz.											
		196 - 197 - one narrow 3/8" grey qtz stringer with minor fine py	3439	< 1	196	197	1.0	-	-	NIL	-		
		200.5 - 248.5 - largely andesite with minor tuff, gabbro											
		210.0 - 214.0 - Granite - pink to light red, as previously med. grd, somewhat porphyritic and aplitic in places; Very minor fine-grd. py.											
		- narrow, 6" or less granitic and feldspar porphyry bands elsewhere.											
		- unit contains scattered disseminated fine to med. cube py.											
		242 - 242.75 - ~ 3% med. py	3440	3	242	243	1.0	-	-	NIL	-		
		246 - 248.5 - 1-2%, locally 5% fine to med. py, ~5% carb-qtz.	3441	2	246	248.5	2.5	-	-	NIL	-		

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-6 SHEET NO. 6 of 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	
					FROM	TO	TOTAL					
		225' - 3/8" grey qtz vein with minor py ;										
		230 - 231.25 - upto 3% fine-med. py	3442	<1	224.5	225.5	1.0	-	-	NIL	-	
		248.5 - 250.0 - ~5% med. to coarse cube py ; ~5% carb-qtz veins	3443	3	230	231.25	1.25	-	-	NIL	-	
		- minor py elsewhere to lower contact	3444	5	248.5	250	1.5	-	-	NIL	-	
251	324	<u>GRANODIORITE</u> - pink to medium red ; fairly uniform, equigranular ; as in hole AM-81-5 ; several silicified, aplitic sections which are med. red ; weakly foliated in places ; a few scattered qtz veins to 2" ; aplitic section to 255.5 ; generally minor py (fine to med.) & cp.										
		- one 1/4" seam of chalcopyrite with magnetite @ 254'	3445	2	253.5	254.5	1.0	0.790	-	Tr	-	
		- the whole unit is sporadically strongly magnetic due to veins of mt (<1/16" to ~2" wide)										
		- fractured with some chloritic material in these, but the intrusive is, in general, competent, massive.										
		259.0 - 260.0 - magnetite veining and some cp, py	3446	2	259	260	1.0	0.150	-	Tr	-	
		285.5 - 286 - some network cp, py associated with mt.										
		2" massive mt. vein @ 286'	3447	2	285.25	286.25	1.0	0.105	-	Tr	-	
		291.5 - 293 - a little fine to med. cube py, 1/2" grey qtz vein	3448	1	291.5	293	1.5	0.010	-	Tr	-	
		294.5 - 295.5 - as 291.5 - 293	3449	1	294.5	295.5	1.0	0.006	-	Tr	-	
		306.75 - 309.25 - ~1% cp in altered (sheared?) granite - fine grained, aplitic with abundant mt. veins	3450	1	306.75	309.25	2.5	0.450	-	Tr	-	
	324	<u>END OF HOLE</u>										

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-6 SHEET NO. 7 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON		
					FROM	TO	TOTAL					
					FOLIATIONS - ANGLE WITH CORE AXIS:							
					FOOTAGE	∠°			FOOTAGE	∠°		
					11	45						
					10-14.5	folded, contorted						
					15	70						
					26	65						
					37	65						
					57	65						
					67	70						
					77	78						
					87	75						
					100	70						
					109	73						
					119	80						
					129	55						
					135	68						
					166	80						
					176	75						
					185	80						
					198	75						
					207	85						
					218	80						
					227	76						
					239	70						
					250	75						
					(granite contact irregular - no attitude)							

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-6 SHEET NO. 8 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		BOR oz/t	BRR oz/t	XRR		AV oz/t	
					FROM	TO			oz. ton	oz. ton		
		<u>ASSAYS - SUMMARY</u>	3413		10.0	12.25	2.25	NIL				
		SEE LOG AM-81-1 for explanation	3414		12.25	14.5	2.25	Tr				
			3415		14.5	18.0	3.5	Tr				
			3416		18.0	20.5	2.5	NIL				
			3417		20.5	21.5	1.0	Tr				
			3418		57.5	58.75	1.25	Tr				
			3419		61.0	62.5	1.5	Tr				
			3420		68.25	69.25	1.0	Tr				
			3421		69.25	70.25	1.0	Tr				
			3422		70.25	72.25	2.0	NIL				
			3423		72.25	73.25	1.0	Tr				
			3424		76.0	77.0	1.0	Tr				
			3425		79.0	80.25	1.25	Tr				
			3426		81.5	82.5	1.0	Tr				
			3427		83.75	85.75	2.0	Tr				
			3428		87.0	88.5	1.5	0.01		0.006	0.026	0.01
			3429		88.5	89.5	1.0	0.04		0.020		0.03
			3430		90.75	92.5	1.75	0.04		0.055	0.017	0.04
			3431		92.5	95.0	2.5	0.01		0.006	0.004	0.01
			3432		95.0	96.5	1.5	0.04		0.038		0.04
			3433		97.0	98.0	1.0	Tr				
			3434		110.0	111.0	1.0	Tr				
			3435		123.75	125.25	1.5	NIL				
			3436		139.25	140.25	1.0	NIL				
			3437		143.25	144.25	1.0	Tr				
			3438		148.0	149.0	1.0	NIL				

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-6 SHEET NO. 9 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au				
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	BOR oz/t	RRR oz/t	XRR OZ. TON	XRJ OZ. TON	AV oz/t
			3439		196.0 197.0 1.0	NIL				
			3440		242.0 243.0 1.0	NIL				
			3441		246.0 248.5 2.5	NIL				
			3442		224.5 225.5 1.0	NIL				
			3443		230.0 231.25 1.25	NIL				
			3444		248.5 250.0 1.5	NIL				
			3445		253.5 254.5 1.0	Tr				
			3446		259.0 260.0 1.0	Tr				
			3447		285.25 286.25 1.0	Tr				
			3448		291.5 293 1.5	Tr				
			3449		294.5 295.5 1.0	Tr				
			3450		306.75 309.25 2.5	Tr				
		<u>AVERAGES:</u>								
					87.0 89.5 2.5					0.02
					90.75 96.5 5.75					0.03
					87.0 96.5 9.5					0.02





# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-7 LENGTH 287'

LOCATION ISLAND LAKE AREA; CLAIM 322279-5

LATITUDE 15+00E DEPARTURE 9+39N

ELEVATION \_\_\_\_\_ AZIMUTH 145° DIP -43°30' (COLLAR)

STARTED FEB. 25, 1981 FINISHED FEB. 26, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	40°45'				
280	37°15'				

HOLE NO. AM-81-7 SHEET NO. 1 of 8

REMARKS RECOVERY - 99.9%  
CASING PULLED

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LOGGED BY R. H. HENNING, P. ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON		
					FROM	TO	TOTAL						
0	6	OVERBURDEN (CASING TO 8.0')											
6	73.5	ANDESITE AND BASIC TUFF - interbanded; laminated, banded to fairly massive; v.f. grd, dark green to black; poorly to well foliated; 44.0-51.0 - slightly silicified dacitic tuff; <5% tourmaline - unit contains ~10% qtz and carb-qtz vein material 1/16" to 2"; a little tourmaline in some of these veins and in the silicified tuff section - a little py is associated with some veins, <1/2%. 22.0-23.0 - ~5% py (fine, network) over 3" in ande-site 36.75-37.75 - ~2% fine py, 5-10% carb-qtz veins; 48.5-50.5 - slightly silicified tuff, ~5% tourmaline, a few narrow qtz-carb. veins, max. 2", <1/4% py. 6.0' - 23.0' - sporadically weakly to mod. magnetic; 23 to bottom - non-mag.											
			3451	2	22.0	23.0	1.0	-	-	Tr	-		
			3452	2	36.75	37.75	1.0	-	-	Tr	-		
			3453	<1	48.5	50.5	2.0	-	-	Tr	-		
73.5	102.75	GABBRO - + some interbanded andesite, basic tuff; Gabbro is fine to coarse grd, as in previous holes; med. to dark green; a few fine grained, sheared, slightly silicified sections 84.25-92.5 - largely v.fine grd., sheared andesite with epidotization, ~10% qtz-carb. and qtz veins 1/4" to 1/2".											

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-7

SHEET NO. 2 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ. TON	OZ. TON
102.75	106.75	- barren and non-magnetic. <u>ANDESITE</u> - massive, dark green; ~10% qtz-carb. veinlets 1/16" to 1/2"							
106.75	115.0	106.5' - 1" qtz-carb-tourmaline vein with specks of py - unit contains only minor fine-grd. cube py < 1/2% 106-107 - 30% qtz-carb-tourm. vein material <u>BASIC TUFF, ANDESITE</u> - carbonate-rich; med. green and green-grey, weakly foliated, fine grained. 107.25-108.25 - sheared feldspar-qtz porphyry, weakly foliated, med-dark grey. 108.25-108.75 - white and grey qtz-tourmaline vein; ~10% tourmaline and a little py at contacts - tuft contains minor fine-med. cube py, < 1% overall.	3454	< 1/2	106.0 107.0 1.0	-	-	0.03	-
115.0	115.75	<u>QUARTZ-CARBONATE VEIN MATERIAL</u> (90%) - white to buff, 5-10% tourmaline, chlorite; coarse splotch of cp @ 115' and some fine to med. py + cp elsewhere (perhaps 2% sulfides); a few sulfides at contacts.	3457	2	114.8 115.8 1.0	0.245	-	0.16	-
115.75	124	<u>BASIC TUFF TO ANDESITE</u> - carbonate-rich, med-dark green; fine grained; scattered fine-med. dissemin. py; average ~1%, locally to 2%; a few narrow aplitic veins.	3458	< 1	115.8 118.75 2.95	-	-	Tr	-
124	126	<u>ACID TO INTERMEDIATE TUFF</u> - sheared, silicified, laminated; ~3% tourmaline; a few narrow (< 3/8") qtz-carb and feldspar-tourmaline veinlets; med. grey to grey-green, well foliated, fine-grai. - contains from 1% to locally 2% fine to med. py, some associated with veins. - contains finely dissemin. mt - similar to unit in AM-81-6.	3459 3460 3461	2 1-2	118.75 121 2.25 122.5 124 1.5 124.0 126.0 2.0	- - -	- - -	0.01 Tr 0.05	- - -

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-7

SHEET NO. 3 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ. TON	OZ. TON		
126	130.75	- magnetic zone 121-131.5' - mod. to strongly magnetic. <u>ANDESITE</u> - massive, dark green, as above; ~20% qtz-carb. stringers, very minor fine py; one 3" aplite intrusion with qtz, tourmaline @ 130'. Non-magnetic.									
130.75	146.75	<u>SILICIFIED TUFF</u> - sheared, acidic to dacitic composition with a little sheared basic tuff inter banded; light grey to med-dark grey and dark grey; laminated, banded, crenulated due to shearing? non-magnetic; ~10% intrusive aplitic + qtz material up to 1.5' long. ~5% narrow grey qtz stringers < 3/8"; - contains up to 10% tourmaline and minor fine-grd. py mainly associated with grey qtz veinlets.									
	130.75 - 132	- barren tuff.	3462	0	130.75	132	1.25	-	-	Tr	-
	132.0 - 134	- largely aplite + qtz intrusive, specks py.	3463	<1	132	134	2.0	-	-	Tr	-
	134.0 - 136	- ~1% fine py.	3464	1	134	136	2.0	-	-	Tr	-
	136.0 - 138.0	- largely aplitic intrusive, a little fine py	3465	<1	136	138	2.0	-	-	Tr	-
	138.0 - 140.0	- Barren tuff	3466	0	138	140	2.0	-	-	NIL	-
	140.0 - 142.0	" "	3467	0	140	142	2.0	-	-	NIL	-
	142.0 - 143.0	- 1/2" grey qtz vein @ 142.5' with some fine-med py adjacent in tuff	3468	2	142	143	1.0	-	-	Tr	-
	143.0 - 144.0	- Barren tuff	3469	0	143	144	1.0	-	-	Tr	-
	144.0 - 145.0	- Intermediate tuff, 1/4" grey qtz stringer @ 144.5' with v. fine grd network py	3470	1	144	145	1.0	-	-	0.02	-
	145.0 - 146.0	- As 144.0 - 145.0, but only specks py.	3471	<1/2	145	146	1.0	-	-	Tr	-
	146.0 - 148.0	- white qtz-carb. vein 147-147.5' with ~2% fine py; minor py within qtz veinlets elsewhere	3472	1-2	146	148	2.0	-	-	NIL	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-7

SHEET NO. 4 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS							
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ./TON	OZ. TON			
					FROM	TO					TOTAL		
146.75	153	ANDESITE - as previously; dark green; ~20% qtz and qtz-carb. vein material to 153'											
		148.5-149 - ~50% white qtz vein material, specks py.	3473	1	148	150	2.0	-	-	Tr	-		
		150' - ~5% py over 1/4" associated with carb-qtz veining											
		151.5' - ~5% med.-fine py associated with qtz-carb. veining.	3474	3	151.75	152.75	1.0	-	-	Tr	-		
		- mod.-strongly magnetic 152-153.											
153	270.5	ANDESITE TO DACITE, AND BASIC TUFF - inter-banded; slightly silicified in places, laminated, banded mainly; very well foliated, schistose; med.-dark to dark green to black and med.-dark grey-green; epidotization in places; a few narrow aplitic veins, <1"; <5% narrow quartz + qtz-carb. veinlets;											
		- unit is sporadically moderately to strongly magnetic to 201.0. Non-magnetic 201-270' except 258-259' which contains veinlets of mt.											
		180.9 - 182.4 - carbonate-quartz vein material discordant contacts @ 40° and 50°; contains med. to coarse blebs of chalcopyrite, minor py. Estimate ~1% Cu.	3475	3	180.9	182.4	1.5	1.220	-	Tr	-		
		199.5 - 202 - Andesite to partly silicified tuff; scattered fine to med. py - some associated with narrow (<3/8") qtz veins	3476	3	199.5	202	2.5	-	-	Tr	-		
		202.5 - 205.5 - Biotite-rich, massive rock; carbonate rich; composition - carb-biot.-chlorite											
		204.0 - 205.75 - ~25% qtz-carb. vein material, very minor py.	3477	<1	204.0	206.0	2.0	-	-	Tr	-		

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-7

SHEET NO. 5 OF 8

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS							
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ./TON	OZ. TON			
					FROM	TO	TOTAL							
		- unit contains several narrow silicified andesite or basic tuff sections - med.-dark green with very minor py associated; also contains a few feldspar-qtz porphyry bands up to 4"; 249.5 - 253.5 - Granite - fine-med grd., altered; med. red; contacts @ 80° to c.a.												
270.5	277.75	<u>DACITE OR DACITIC TUFF</u> - fine grd., med. grey-green colour; contains a little tourmaline; mod. well foliated; a few qtz and qtz-carb + aplitic stringers, generally < 1"; contains scattered, disseminated fine to med. py. Non-magnetic. 278' - 1" grey qtz vein with a bleb of py.	3478	1	270.5	271.5	1.0	-	-	0.01	-			
			3479	2-5	273.25	274.5	1.25	-	-	0.01	-			
			3480	1-2	275.25	276.25	1.0	-	-	0.01	-			
			3481	< 1	277.0	278.0	1.0	-	-	Tr	-			
277.75	287	<u>ANDESITE - BASIC TUFF</u> - as previously; a few narrow aplite and qtz-carb. veinlets, < 5%; barren of sulfides, non-magnetic.												
	287	<u>END OF HOLE</u>												

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-7 SHEET NO. 6 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ TON	OZ TON		
					FROM	TO	TOTAL					
					FOLIATIONS - ANGLE			WITH CORE AXIS:				
					FOOTAGE	∠°			FOOTAGE	∠°		
					17	65			256	67		
					30	78			265	65		
					46-51 folding				277	69		
					48	45			287	60		
					55	78						
					66	65						
					83	65						
					86	55						
					103	70						
					116	60						
					132	70						
					146	73						
					152	69						
					157	73						
					167	65						
					177	75						
					187	69						
					201	75						
					202	67						
					217	70						
					228	65						
					237	50						
					246	75						

# DIAMOND DRILL RECORD

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-7

SHEET NO. 7 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au						
FROM	TO		NO.	% SULPH IDES	FOOTAGE		BoR	BRR	XRR	XRT	AV	
					FROM	TO	oz/t	oz/t	oz/ton	oz/ton	oz/t	
		ASSAYS - SUMMARY	3451		22.0	23.0	1.0	Tr				
		SEE LOG AM-81-1 for explanation	3452		36.75	37.75	1.0	Tr				
			3453		48.5	50.5	2.0	Tr				
			3454		106.0	107.0	1.0	0.02		0.032		0.03
			3455		108.25	109.25	1.0	0.01		0.007		0.01
			3456		109.25	110.75	1.5	Tr				
			3457		114.8	115.8	1.0	0.06		0.257		0.16
			3458		115.8	118.75	2.95	Tr				
			3459		118.75	121	2.25	0.01		0.004	0.004	0.01
			3460		122.5	124	1.5	Tr				
			3461		124.0	126.0	2.0	0.04		0.067		0.05
			3462		130.75	132.0	1.25	Tr				
			3463		132.0	134.0	2.0	Tr				
			3464		134.0	136.0	2.0	Tr				
			3465		136.0	138.0	2.0	Tr				
			3466		138.0	140.0	2.0	NIL				
			3467		140.0	142.0	2.0	NIL				
			3468		142.0	143.0	1.0	Tr				
			3469		143.0	144.0	1.0	Tr				
			3470		144.0	145.0	1.0	0.02		0.024		0.02
			3471		145.0	146.0	1.0	Tr				
			3472		146.0	148.0	2.0	NIL				
			3473		148.0	150.0	2.0	Tr				
			3474		151.75	152.75	1.0	Tr				
			3475		180.9	182.4	1.5	Tr				
			3476		199.5	202.0	2.5	Tr				

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-7

SHEET NO. 8 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		BOR oz/t	BRR oz/t	XRR OZ TON	XRJ OZ TON	AV oz/t
					FROM	TO					
			3477		204.0	206.0	2.0	Tr			
			3478		270.5	271.5	1.0	0.01		0.004	0.01
			3479		273.25	274.5	1.25	0.01		0.018	0.01
			3480		275.25	276.25	1.0	0.01		0.003	0.01
			3481		277.0	278.0	1.0	Tr			



LANGRIDDGES - TORONTO - 366-1168



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-8 LENGTH 107'

LOCATION ISLAND LAKE AREA; CLAIM 322279-5

LATITUDE 18+44E DEPARTURE 10+20N

ELEVATION \_\_\_\_\_ AZIMUTH 145° DIP -45° (COLLAR)

STARTED FEB. 27, 1981 FINISHED FEB. 28, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	42°45'				

HOLE NO. AM-81-8 SHEET NO. 1 of 5

REMARKS RECOVERY - 99.9%  
CASING PULLED

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LOGGED BY R.H. HENNING, P. ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON		
					FROM	TO	TOTAL						
0	12	<u>CASING - OVERBURDEN</u>											
12	16.5	<u>INTERMEDIATE TO BASIC TUFF</u> - med. green, weakly foliated; ~5% qtz-carb. veinlets; fine grd; carbonate-rich; non-magnetic; barren of sulfides except 13.5' - 1/2" qtz-carb. vein with one grain of cp.	4087	<1	13.0	14.0	1.0	-	-	NIL	-		
16.5	22.0	<u>ANDESITE - BASIC TUFF</u> - typical laminated, banded variety; med. green to black; possibly some tourmaline; non-magnetic; only a few specks py; very little qtz-carb. vein material.											
22.0	27.0	<u>DACITE TO ACID TUFF</u> - silicified, med. green to light grey-green and grey; v. fine grd; very well foliated, schistose; silica + sericite common; barren of sulfides; <5% qtz-carb. material; looks sheared; non-magnetic.											
27.0	42.0	<u>ANDESITE - BASIC TUFF</u> - as 16.5-22.0 + some slightly silicified sections; well foliated and schistose; non-magnetic; only a few specks py; <5% quartz-carb. vein material.											
42.0	47.0	<u>GABBRO</u> - typical; med to dark green; fine grained at top grading to med. grd. at bottom; gradational with over and underlying units; <5% barren, x-cutting qtz-carb. veinlets, < 1/4"; barren; non-magnetic.											
47.0	56.0	<u>BASIC TUFF OR SHEARED GABBRO</u> - could be altered											

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-8

SHEET NO. 2 OF 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	% Cu	% Zn	OZ. TON Au	OZ. TON Ag		
56.0	62.0	<p>equivalent of above gabbro unit; med. to med. dark green; carbonate-rich, fine to med. grd.; ~5% qtz-carb. vein material; very minor sulfides; weakly to non-foliated; non-magnetic.</p> <p><u>SILICIFIED TUFF AND QUARTZ-CARBONATE-TOURMALINE VEIN MATERIAL</u> - as 10-15.5' in AM-81-6, same zone</p> <p>Tuff is hard, v. fine grained to aphanitic, ranges in colour from light green-grey to pale green and buff; local contortions; appears to be silicified, altered basic to intermediate tuff due to Q-C-T vein intrusion; contains a little, sporadic fine to med. py in tuff and veins (average &lt;1%)</p> <p>58.0 - 60 - ~30% Q-C-T vein material, &lt;0.5% sulfides</p> <p>60.0 - 61'2" - All Q-C-T vein material, brecciated, with ~50% tourmaline, 30% Qtz-carb. and 20% silicified tuff angular fragments; and exhibits -sharp, discordant contact with underlying silicified tuff @ 60-70° and contains minor fine grd. py (av. 1% S) (looks similar to B-1 zone in AM-81-9, but more tourmaline, much less sulfides).</p> <p>61'2" - 62.0' - perhaps 2-3% fine-grd sulfides as streaks, dissem. in silicified tuff;</p> <p>62.0' - 64.0' (extending into underlying intermediate tuff) - abundant narrow qtz-carb. veining (~10%) with occasional fine grd. py and rare med. py @ 62.25';</p> <p>56.0 - 60.0' - scattered fine to rare med. py.</p> <p>- Zone is non-magnetic</p>	4088	1	56.0	57.0	1.0	-	-	Tr	-
			4089	<1	57.0	58.5	1.5	-	-	0.01	-
			4090	<1	58.5	60.0	1.5	-	-	Tr	-
			4091	1	60.0	61.25	1.25	-	-	Tr	-
			4092	2	61.25	62.75	1.5	-	-	0.02	-
			4093	<1	62.75	64.0	1.25	-	-	Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-8

SHEET NO. 3 OF 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
62.0	69.5	<u>INTERMEDIATE TUFF</u> - siliceous, possibly sheared; med. green, hard; ~5% thin qtz-carb. stringers (barren except 62-64, as noted above); mod. to strongly magnetic 67-70' (wt in qtz-carb veinlets).									
69.5	82.5	<u>ANDESITE</u> - dark green to black mainly; massive; v. fine grd; ~10% thin qtz-carb. stringers plus one 1/4" aplitic stringer; a little, widely scattered fine to med. py, av. < 1/2%; non-magnetic. 80.5 - 81.5 - a few med. py cubes associated with qtz-carb. veinlets @ 81.0'	4094	<1	80.5	81.5	1.0	-	-	Tr	-
82.5	86.0	<u>ZONE OF APLITE, Q-C-T VEIN INTRUSION AND SILICIFICATION</u> - ~50% intrusive material - pink aphanitic aplite with f. grd. tourmaline and white qtz-carb. with some tourmaline; basic tuff is slightly silicified, mod. well foliated and also contains ~10% tourmaline; scattered sulfides - fine to med. cube py from 83.5 - 86.0 in tuff and aplite 84.25 - 84.75' - white Q-C-T vein with one splotch of Cp; - unit contains ~50% basic, silicified tuff.	4095	0	82.5	83.5	1.0	-	-	Tr	-
			4096	2-3	83.5	84.75	1.25	-	-	Tr	-
			4097	1-2	84.75	86.0	1.25	-	-	0.01	-
86.0	100.25	<u>ANDESITE</u> - dark green; ~5-10% qtz-carb veinlets; one 3" aplite vein (barren); contains scattered dissem. fine to med. py cubes; non-magnetic.	4098	1	92.0	93.5	1.5	-	-	Tr	-
100.25	104.0	<u>FELDSPAR PORPHYRY</u> - med. pink-grey; with med. grd. buff to white feldspar phenocrysts; contacts conformable with over and underlying units; barren; non-magnetic.									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-8

SHEET NO. 4 OF 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON
				FROM	TO	TOTAL				
104.0	107.0	<u>ANDESITE - BASIC TUFF</u> - typical laminated, banded, epidotized unit; med. dark to dark green; barren; moderately magnetic.								
	107.0	<u>END OF HOLE</u>								
			<u>FOLIATIONS - ANGLE WITH CORE AXIS:</u>							
				<u>FOOTAGE</u>	<u>∠°</u>			<u>FOOTAGE</u>	<u>∠°</u>	
				13	65					
				19	65					
				27	62					
				37	65					
				52	69					
				56	69					
				59	58					
				62	~80 (a little folding)					
				67	58					
				84	45					
				100	70					
				107	68					

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-8 SHEET NO. 5 OF 5

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		BoR oz/t	BRR oz/t	XRR OZ. TON	XRT OZ. TON	AV oz/t
					FROM	TO					
		SUMMARY - ASSAYS	4087		13.0	14.0	1.0	NIL			
		SEE LOG AM-81-1 for explanation	4088		56.0	57.0	1.0	Tr			
			4089		57.0	58.5	1.5	0.01		0.001	0.01
			4090		58.5	60.0	1.5	Tr			
			4091		60.0	61.25	1.25	Tr			
			4092		61.25	62.75	1.5	0.02		0.014	0.02
			4093		62.75	64.0	1.25	Tr			
			4094		80.5	81.5	1.0	Tr			
			4095		82.5	83.5	1.0	Tr			
			4096		83.5	84.75	1.25	Tr			
			4097		84.75	86.0	1.25	0.01		0.008	0.01
			4098		92.0	93.5	1.5	Tr			



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-9 LENGTH 200'

LOCATION ISLAND LAKE AREA; CLAIM 322279-2

LATITUDE 10+35E DEPARTURE 8+50N

ELEVATION \_\_\_\_\_ AZIMUTH 145° DIP -45° (COLLAR)

STARTED MARCH 1, 1981 FINISHED MARCH 2, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	46°15'				
200	37°15'				

HOLE NO. AM-81-9 SHEET NO. 1 OF 7

REMARKS RECOVERY - 99.9%

CASING PULLED

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LOGGED BY R.H. HENNING, PENG.

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	9.5	<u>OVERBURDEN - CASING</u>										
9.5	20.5	<u>DACITE TUFF</u> - carbonate-rich; med. green-grey; f. grd; abundant qtz-carb. vein material, ~20%, < 1/2"; poorly to non-foliated; 11.5-13.0, 19.0-20.25' - med. grey Qtz-Feldspar Porphyry-coarse to fine grained with conformable contacts; - no sulfides, non-magnetic.										
20.5	24.75	<u>GABBRO OR DIORITE</u> - typical, as in previous holes; a few qtz-carb. gash veins; med-coarse grd; definitely intrusive; fair cp + some py from 24.5-24.75' at lower contact	4099	2	24.0	25.0	1.0	0.380	-	Tr	-	
24.75	46.25	<u>BASIC TUFF</u> - varies from med. green to dark green and black; possibly includes andesite and sheared gabbro; fine-grd., sheared appearance; carbonate-rich sections; contains ~10% qtz-carb. vein material, generally < 1/2"; moderately to strongly magnetic 26-30' and 45-46.25' 33.0-33.5 - silicified, sheared with minor f. grd. py. 37.25-39.75 - extensive qtz-carb. veining (< 1/2") ~25% with ~1% fine disse. py. 44' - Qtz-carb. stringers in andesite with some coarse cube py. 45.0-45.5 - some cp associated with gash veins, ~1%, near top	4100	<1	33.0	34.0	1.0	-	-	Tr	-	
			4101	1	37.25	38.75	1.5	-	-	Tr	-	
			4102	2	43.5	44.5	1.0	-	-	NIL	-	
			4103	1	44.5	45.5	1.0	0.080	-	Tr	-	

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-9

SHEET NO. 2 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
46.25	60.5	of underlying gabbro. <u>GABBRO</u> - appears to be largely a gabbroic complex with fine to coarse grd. gabbro; the coarser grained variety is massive; the finer grained type looks largely sheared and is poorly to mod. foliated; may include some inter-banded basic tuff or andesite in places; contains minor scattered py and a few qtz-carb. stringers; - sporadically weakly to strongly magnetic 46.25-55' (veins and dissem. mt) and 59.0-60.5' 50.25-50.5' - network veins of mt, qtz-carb. and fair cp (~2% over 0.25')	4104	1	50.0	51.0	1.0	0.360	-	Tr	-
60.5	66.0	<u>ANDESITE</u> - dark green; massive to poorly foliated; v. fine grained, 5-10% thin qtz-carb. stringers; very minor py, cp; cp @ 64.5'; sporadically weakly magnetic in places.	4105	1	64.0	65.0	1.0	-	-	0.06	-
66.0	67.5	<u>HIGHLY SILICEOUS TUFF</u> - sericitic; well foliated, med. grey; intruded by grey qtz-carb. veins < 1" essentially    to core axis; contains 1-2% fine to rare med. py. Non-magnetic.	4106	1-2	66.0	67.5	1.5	-	-	0.01	-
67.5	72.5	<u>INTERMEDIATE TO BASIC TUFF</u> - carbonate-rich; v. fine grained, sheared; dark green to med. green-grey; massive to weakly foliated; contains ~1% finely dissem. py. Non-magnetic.									
72.5	76.75	<u>ACID TUFF</u> - highly silicified, with minor intermediate, silicified tuff; from top to 75.25 it is light grey to buff and pinkish-coloured; from 75.25-76.75' it is light to med. grey and greenish-grey; has laminated and in places, banded									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-9

SHEET NO. 3 OF 7

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
		appearance; contains essentially silica plus ~5% to locally 10% fine-grained tourmaline concentrated in thin laminae. 74.5 - 3" qtz-carb.-tourmaline vein with ~30% blady tourmaline, brecciated (fragments of silicified tuff within). This vein contains ~1% fine dissem. py. -the unit exhibits discordant discordant contacts - may have been largely quartz or porphyry that has been subsequently sheared; -to 73.5', contains only <1% py; 73.5' to bottom contains streaks, disseminations of fine and some med. cube py; average perhaps 2%, locally to 5%; sulfide streaks are parallel to foliation.									
			4107	<1	72.5	73.5	1.0	-	-	Tr	-
			4108	2	73.5	74.75	1.25	-	-	0.01	-
			4109	2	74.75	75.75	1.0	-	-	0.03	-
			4110	2	75.75	76.8	1.05	-	-	Tr	-
76.75	87.0	<u>BASIC TUFF</u> - Carbonate-rich, similar to 67.5-72.5', except that it is mainly med. grd with abundant carbonate (25-30%) grains (calcite); massive to weakly foliated; intermediate composition at base. -unit contains an insignificant amount of qtz and qtz-carb. vein material - non-magnetic -in general, contains perhaps 1% of scattered fine to med. py.									
		81.25-81.75 - carb-qtz vein has cut core at flat angle (almost parallel) and contains dissem. mt + fine-grained cube py (5-10% over the interval)	4111	8	81.0	82.0	1.0	-	-	Tr	-
87.0	88.0	<u>QUARTZ-FELDSPAR PORPHYRY</u> - highly sheared with rounded qtz grains; sericitized; very siliceous, med. grey; upper contact at 60°, lower at 75°, approx. conformable.									



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-9

SHEET NO. 4 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ TON	
					FROM	TO					TOTAL
88.0	96.0	-contains minor f.grd. py, mainly along fractures (<1%) -non-magnetic.	4112	41	87.0	88.0	1.0	Cu	Zn	Au	Ag
		<u>ZONE OF SILICIFICATION, TOURMALINIZATION, Q-C-T VEIN INTRUSION AND MINERALIZATION</u> Host rock appears to be a carbonate-rich tuff similar to previous units that has been subsequently silicified largely (not within whole interval) and now has the composition of a dacitic tuff, med. green-grey in colour.									
		88.0 - 89.0 - laminated, black rock containing 80% fine grd. tourmaline, qtz-carb. bands and 5-10% fine-med. py.	4113	8	88.0	89.0	1.0	-	-	0.03	-
		89.0 - 90.75 - Dacitic tuff, with ~15% qtz-carb. stringers and a little tourmaline; folded at contact with underlying vein; contains ~10% fine to coarse cube py-dissem. and in veins; @ 89.5' - one 1" band containing ~50% py; note-med. py is most common.	4114	10	89.0	90.5	1.5	-	-	0.44	-
		90.75 - 92.5 - Q-C-T vein-breccia zone - similar to that in AM-81-8. Contains angular fragments of dacitic host rock surrounded by Q-C-T (~40% tourmaline); contains ~5% sulfides - fine to med. cubes and aggregates. @ 91.5' - aggregate of ~20% py over 1".	4115	5	90.5	92.2	1.7	-	-	0.20	-
		92.5 - 93.5 - Dacitic tuff with 1-2% fine py.	4116	3	92.2	93.0	0.8	-	-	0.02	-
		93.5 - 94.0 - ~30% Q-C-T vein material has intruded tuff which is less silicified; vein has cut core at flat angle in one spot. Contains about 5% fine to occasional coarse cube py.	4117	5	93.0	94.0	1.0	-	-	0.02	-

# DIAMOND DRILL RECORD

ADVANCE MURBOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-9

SHEET NO. 5 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
		94.0 - 95.0 - slightly silicified tuff, contains local patches of up to 5% fine-med. py.	4118	3-5	94.0	95.0	1.0	-	-	0.05	-
		95.0 - 96.0 - only slightly silicified; contains ~1% fine-grd. py. - the whole unit is non-magnetic.	4119	1	95.0	96.0	1.0	-	-	0.02	-
96.0	137.0	<u>ANDESITE TO BASIC TUFF</u> - med. dark to dark green; ~10% qtz-carb. and qtz vein material; massive to weakly foliated; essentially barren - only specks of sulfides here and there; non-magnetic except for a few mod. to strong magnetic spots from 114' - 124'.									
137.0	148.5	<u>INTERMEDIATE TUFF</u> - mainly, altered, carbonate-rich, and silicified tuff; 137 - 142.5' - dacitic, carb.-rich tuff; a few barren Q-C-T stringers at top. 140.75 - 141.25 - Q-C-Feldspar-T vein - barren, but a little sulfide in tuff below. 142.5 - 144.25 - Andesite, as 96-137. 144.25 - 148.5 - Acid tuff or highly sheared Q-Feldspar porphyry? schistose, sericitic; a little py at upper contact. - the dacitic and acidic units contain up to 5% tourmaline; non-magnetic.	4120	0	137.5	138.5	1.0	-	-	Tr	-
		140.75 - 141.25 - Q-C-Feldspar-T vein - barren, but a little sulfide in tuff below.	4121	1	140.5	141.5	1.0	-	-	NIL	-
		142.5 - 144.25 - Andesite, as 96-137.									
		144.25 - 148.5 - Acid tuff or highly sheared Q-Feldspar porphyry? schistose, sericitic; a little py at upper contact. - the dacitic and acidic units contain up to 5% tourmaline; non-magnetic.	4122	1	144.0	145.0	1.0	-	-	Tr	-
148.5	200.0	<u>ANDESITE TO BASIC TUFF</u> - as 96.0 - 137.0 above; 5-10% qtz-carb. vein material; dark green, only a few specks of py, non-magnetic; largely massive to weakly foliated; locally a little tourmaline.									
	200.0	<u>END OF HOLE</u>									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-9

SHEET NO. 6 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
					FOLIATIONS - ANGLE WITH CORE AXIS:						
					FOOTAGE	∠°					
					17	70					
					27	62					
					36	65					
					46	65					
					55	60					
					65	70					
					76	75					
					86	70					
					93	65					
					108	60					
					126	65					
					136	70-90					
					140	75					
					153	65					
					179	70					
					197	68					

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-9

SHEET NO. 7 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au					
FROM	TO		NO.	% SULPH IDES	FOOTAGE		B0R oz/t	BRR oz/t	XRR OZ. TON	XRJ OZ. TON	AV oz/t.
					FROM	TO					
		<u>SUMMARY - ASSAYS</u>	4099		24.0	25.0	1.0	Tr			
		SEE LOG AM-81-1 for explanation	4100		33.0	34.0	1.0	Tr			
			4101		37.25	38.75	1.5	Tr			
			4102		43.5	44.5	1.0	NIL			
			4103		44.5	45.5	1.0	Tr			
			4104		50.0	51.0	1.0	Tr			
			4105		64.0	65.0	1.0	0.06	0.055		0.06
			4106		66.0	67.5	1.5	0.02	0.006		0.01
			4107		72.5	73.5	1.0	Tr			
			4108		73.5	74.75	1.25	0.02	0.004		0.01
			4109		74.75	75.75	1.0	0.03	0.019		0.03
			4110		75.75	76.8	1.05	Tr			
			4111		81.0	82.0	1.0	Tr			
			4112		87.0	88.0	1.0	Tr			
			4113		88.0	89.0	1.0	0.04	0.022		0.03
			4114		89.0	90.5	1.5	0.50	0.508	0.306	0.44
			4115		90.5	92.2	1.7	0.20	0.191		0.20
			4116		92.2	93.0	0.8	0.03	0.018		0.02
			4117		93.0	94.0	1.0	0.03	0.018		0.02
			4118		94.0	95.0	1.0	0.06	0.038		0.05
			4119		95.0	96.0	1.0	0.02	0.011		0.02
			4120		137.5	138.5	1.0	Tr			
			4121		140.5	141.5	1.0	NIL			
			4122		144.0	145.0	1.0	Tr			
					64.0	67.5	3.5				0.02
					73.5	75.75	2.25				0.02
					88.0	96.0	8.0				0.14



AVERAGES:

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-10 LENGTH 547'

LOCATION ISLAND LAKE AREA; CLAIM 322279-3

LATITUDE LINE 7+00N DEPARTURE 0+15 E OF BL-A

ELEVATION \_\_\_\_\_ AZIMUTH 095° DIP -45 (COLLAR)

STARTED MARCH 3, 1981 FINISHED MARCH 5, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	42°00'				
300	39°45'				
540	34°15'				

HOLE NO. AM-81-10 SHEET NO. 1 OF 10

REMARKS RECOVERY - 99.5%

CASING PULLED

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LOGGED BY R.H. HENNING, P. ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	12.5	<u>CASING - OVERBURDEN</u>										
12.5	63.0	<u>BASIC TUFF - ANDESITE</u> - dk. green to med. green-grey; weakly to mod. foliated, v.f. grd; 5-10% qtz + qtz-carb. vein material mostly < 1/2"; minor silicified and intrusive acidic sections, and possibly sheared porphyry; a few narrow rhyolite interbands to 50'; essentially barren of sulfides; non-magnetic. 0.5-0.6' of Q-C vein material in each of sections assayed.; a little po + py 23.0-24.0'	3482	1	23.0	24.0	1.0	-	-	Tr	-	
			3483	0	26.25	26.75	0.5	-	-	Tr	-	
			3484	0	44.5	45.5	1.0	-	-	NIL	-	
			3485	0	50.0	51.0	1.0	-	-	Tr	-	
63.0	67.5	<u>QUARTZ PORPHYRY</u> - or intrusive rhyolite? - med. lt. grey, f. grd., sheared; rounded qtz grains; ~5% biotite; barren.										
67.5	114.0	<u>ANDESITE</u> - and some basic tuff; minor, sheared silicified sections and some intrusive material; 68-68.5 - Grey qtz. porphyry - as above 88-93 - Gabbro or gabbroic andesite - as in previous holes; 108.5-110.25 - Gabbro or gabbroic andesite 95.75-96.25 - Greyish-pink, med. grd. feldspar porphyry; - contains ~10% Qtz-carb. veins, barren, 1/16" to 1". Non-magnetic, except 94.5-97.0 - moderate-strong; 108-113.0 - weak to strong; - very minor (< 1/2%) fine py to 104'; 104-110.25 - ~2% med. grd. cube py in gabbroic andesite; only a few thin qtz-carb. veinlets; 1% to 2% fine py 110.25-114'.	3486	41	77.0	78.0	1.0	-	-	Tr	-	
			3487	2	104.0	109.0	5.0	-	-	Tr	-	

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-10

SHEET NO. 2 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS							
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON		
					FROM	TO	TOTAL						
114.0	118.0	<u>QUARTZ PORPHYRY</u> - sheared, light grey, v.f. grd; ~5% biotite + sericite, rest is silica + some rounded qtz grains as in previous section; weakly foliated, has irregular intrusive contacts; a few narrow, <1" qtz-carb. veins near bottom; <1/2% dissem. py; non-magnetic.											
118.0	143.0	<u>BASIC TUFF-ANDESITE</u> - massive to very weakly foliated, dark-green to black, v.f. grd., non-magnetic; ~1% very thin qtz-carb. veinlets; 129.75' - 3" white qtz-carb. vein, barren. - unit contains from 1 to locally 3% fairly uniformly dissem. fine to occasional med. py.	3488	2	129.0	130.0	1.0	-	-	Tr	-		
			3489	2-3	120.75	123.25	2.5	-	-	Tr	-		
			3490	3	132.0	133.5	1.5	-	-	Tr	-		
143.0	146.0	<u>QUARTZ-FELDSPAR PORPHYRY</u> - sheared, altered; med. light grey; med. grd., weakly foliated; similar to above Q-F-porphymy units; at upper contact (in above andesite) ~5% fine py streaks over ~2"; upper contact @ 54°, lower @ 70°, conformable; non-magnetic	3491	2	142.5	143.5	1.0	-	-	Tr	-		
146.0	162.5	<u>INTERMEDIATE TUFF</u> - partially silicified, carbonate-rich (up to 35% carb.); med. grey-green to green-grey; f.-grd; sheared appearance; mod. well foliated, laminated and banded in places; mafic bands alternating with felsic bands; non-magnetic.; a few narrow qtz-carb. veins: 1" at 146.25', 1 1/2" @ 147.5' with a little py at contacts; 146.25 - 147.75' - ~5% fine py mainly in streaks 153.0 - 155.5 - altered tuff, sheared, brecciated; ~40% qtz and qtz-carb. vein material with chlorite, etc.; a few specks py. 155.5 - 162.5 - Intermediate tuff, becoming more basic	4085	1	152.0	153.0	1.0	-	-	Tr	-		
			4086	1	151.0	152.0	1.0	-	-	Tr	-		
			3492	5	146.25	147.75	1.5	-	-	Tr	-		
			3493	<1	147.75	148.75	1.0	-	-	NIL	-		
			3494	<1	148.75	153.0	4.25	-	-	Tr	-		
			3495	<1	153.0	155.5	2.5	-	-	Tr	-		
			3496	1	155.5	157.5	2.0	-	-	Tr	-		

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-10

SHEET NO. 3 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
162.5	247.0	toward bottom; laminated appearance; chlorite-amphibole bands alternate with qtz-carb bands, streaks; a few narrow qtz stringers with minor py, cp	3497	<1	157.5	159.5	2.0	Cu	Zn	Au	Ag
		ANDESITE AND DACITE - interbanded, med. green to dark green and black; mainly very dense, compact; weakly to mod. foliated, v.f.-grd; common epidotization; laminated mainly; ~10% qtz-carb. vein material, mainly as narrow 1/16" to 3" veins.	3498	1	161.5	162.5	1.0			NIL	
		194.5 - 195.5 - white qtz-carb. vein, barren, with irregular contacts;	3499	<1	192.0	193.0	1.0	-	-	NIL	-
		- most of unit contains only specks of py (<1/4%), but locally, a little more (up to 5% over ~1/2" in places - thin, fine-grd. seams;	3500	0	194.5	195.5	1.0	-	-	NIL	-
		- unit is non-magnetic	4001	2	214.5	215.5	1.0	-	-	NIL	-
		- a few narrow aplitic bands, <4" from 207.5'	4002	3	237.5	238.75	1.25	-	-	Tr	-
		- a little cp in places in qtz-carb. veins									
		ANDESITE - dark green to black; massive to mod. foliated, scattered fine + med. py in thin, discontinuous seams (<1% , locally to 3%) over very narrow widths, + some widely scattered minor med. cube py.									
		272 - 272.25 - ~5% fine to med. py	4003	5	265.5	266.5	1.0	-	-	Tr	-
		265.75 - 266.25 - ~5% fine to med. py, mostly associated with thin qtz-carb. veinlets.	4004	5	271.25	272.25	1.0	-	-	Tr	-
- unit is non-magnetic, except 271-272 which is mod. to strongly magnetic (start of main magnetic anomaly)											
272.75	275.5	FELDSPAR - QUARTZ PORPHYRY - as previously;									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-10

SHEET NO. 4 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
275.5	278.25	med. grey, silicified; fine to med. grd; barren, non-mag. <u>INTERMEDIATE TO BASIC TUFF</u> - altered, chloritic, + biotite; f. grd; ~ 20% qtz-carb. vein material; up to 3% tourmaline; non-magnetic.										
		276.5 - 1 1/2" Qtz-carb. vein with a little tourmaline	4005	0	276.0	277.0	1.0	-	-	Tr	-	
278.25	280.75	<u>QUARTZ VEIN</u> - white, a little tourmaline, barren, but a little py at lower contact in tuff.	4006	21	278.0	281.0	3.0	-	-	NIL	-	
280.75	284.5	<u>INTERMEDIATE TUFF</u> - fine-med grd; carbonate-rich; a few specks py; ~ 1% tourmaline; non-magnetic. 284.0 - 284.5 - 2 qtz-tourmaline veins, 1" and 1 1/2" - barren.										
284.5	297.5	<u>ANDESITE</u> - med. dark green to black; upper 3' is partially silicified due to vein intrusion; up to 5% locally of sulfides - py + cp to 285.5'; from there to bottom, some sporadic sulfides up to 5% over narrow widths ~ 5-10% very narrow qtz-carb. veinlets. 290.5' - fair cp over ~ 2" - unit is med. to strongly magnetic. - up to 4% locally, med. to coarse cube py 294 - 297.5.	4007	3	283.75	285.5	1.75	-	-	Tr	-	
			4008	1	290.0	291.0	1.0	0.355	-	Tr	-	
			4009	2	292.0	294.0	2.0	-	-	NIL	-	
			4010	2-3	294.0	297.5	3.5	-	-	NIL	-	
297.5	311.25	<u>INTERMEDIATE TUFF</u> - sheared, partly silicified; contains abundant carbonate; med. grey-green, fine grd; fairly abundant, < 1/2" qtz veinlets most of which are discontinuous; - contains scattered, but fairly consistent fine to coarse cube py, locally to 5% and occasional grains of cp. - banded, laminated appearance similar to units in other holes (B Zone) with some small-scale folding										



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-10

SHEET NO. 5 OF 10

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS							
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ TON			
					FROM	TO	TOTAL							
		indicated; - moderately to strongly magnetic - unit contains a few narrow acid tuff or silicified tuff bands.												
		297.5 - 299.5 - Av. 2% py, fine to med; ~25% qtz vein material	4011	2	297.5	299.5	2.0	-	-	NIL	-			
		299.5 - 301.5 - similar to above, but less sulfides, med. grd.	4012	1	299.5	301.5	2.0	-	-	NIL	-			
		301.5 - 303.5 - similar to above, some coarse py ~2% S.	4013	2	301.5	303.5	2.0	-	-	NIL	-			
		303.5 - 304.5 - ~1% fine-med py in basic, carb.-rich tuff	4014	1	303.5	304.5	1.0	-	-	NIL	-			
		304.5 - 305.5 - siliceous tuff (rhyolite?), light grey, with some tourmaline; ~5% fine to med. py.	4015	5	304.5	305.5	1.0	-	-	Tr	-			
		305.5 - 309.0 - scattered med.-coarse py, perhaps 1% overall in mt.-rich mafic tuff.	4016	1	305.5	309.0	3.5	-	-	Tr	-			
		309.0 - 311.0 - ~2% fine to med. py in siliceous and inter-med. tuff	4017	2	309.0	311.0	2.0	-	-	NIL	-			
		311.0 - 313.0 - ~2% med. py in intermediate to basic tuff.	4018	2	311.0	313.0	2.0	-	-	NIL	-			
311.25	349.0	<u>ANDESITE (70%)</u> - and 30% intrusive <u>GRANITIC material</u> , interbanded; andesite is med-dark to dark green, largely laminated, banded, epidotized; v.f. grd; a few narrow partly silicified sections Granitic intrusive material:												
		311.25 - 312.25 - light red-pink aplite with 1% fine-med py;	4019	1	311.25	312.25	1.0	-	-	Tr	-			
		315.25 - 316.5 - as above; some coarse-med py within and at lower contact (~1%)	4020	1	315.25	316.5	1.25	-	-	0.01	-			
		321.0 - 322.75 - med. grd., med. pink-grey feldspar porphyry + med. grd. light red granite - barren.												

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-10

SHEET NO. 6 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
		325.25-329.25 - largely pinkish-grey, med-coarse feld-porphyr + some porphyritic pink granite, barren; contacts ~ conformable; 336.5-338 - fine grd, light red altered aplitic granite - barren; 344.5-347.25 - pink aplite, similar to above, barren. - other, narrower granitic-aplitic bands interbanded elsewhere; - tuff contains relatively minor scattered py - fine to med., locally to 2%, av. 1/2%. - ~5% narrow qtz-carb veinlets, but not as dominant as in upper part of hole; - moderately to strongly magnetic except granitic material.									
349.0	381.0	<u>ANDESITE - BASIC TUFF</u> - v. fine grd; mod. foliated; but not banded as above unit; dark green; minor epidotization; some qtz knots, thin red granitic veinlets; very minor (<1/2%) fine-grd. py, locally little more - weakly to moderately magnetic. - contains <1/2" wide aplitic and feldspar-porphyr intrusive veins + very narrow med. grey qtz stringers.	4021	2	379.25	380.5	1.25	-	-	Tr	-
381.0	386.5	<u>ACID TUFF</u> - light to med. grey and buff; weakly to mod. foliated; composed of silica + 5 to 20% biotite + sericitite; v. fine grd; lower contact somewhat gradational upper @ 65°; only minor silicification; - contains 5-10% carbonate and narrow altered qtz-carb. and qtz (grey-pink) material + a little tourmaline.	4022	1	382.5	384.5	2.0	-	-	NIL	-
			4023	1	384.5	386.5	2.0	-	-	Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-10

SHEET NO. 7 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ / TON	OZ / TON	
					FROM	TO					TOTAL
386.5	547	- non-magnetic - contains only minor ( $\leq 1\%$ ) fine-grd. and rare med. py. <b>GRANODIORITE</b> - light grey to light-med. green-grey, rarely pink; fine to med. grd; ~50% feldspar, partly sausseritized; 5-10% biotite, rest is qtz. - in general, granitic rock contains ~1/2-1% accessory py. (fine grd.). 388.5 - 390 - largely basic tuff (interband) with minor py. 386.5 - 387 - ~3% fine-med py. 400.75 - several med-coarse py cubes. 405.5 - 406.5 - several coarse py cubes along fractures + minor fine dissem. py. 420.0 - 421.0 - ~5% very coarse cube py over 2" associated with grey Qtz. vein @ 420.5' 425 - 426 - 4" black, chlorite-biotite band (shear zone?) with some grey qtz and a little py at upper contact; 427 - 428 - 1/2" grey qtz vein + some med-coarse py over 0.5' from 427 - 427.5. 429.25 - 430.5 - black biotite-chlorite band with ~25% carb-qtz veins shot through, barren; Foliation ~65°; Looks like shear zone; note that granodiorite is altered at contacts. with a little py. 433.75 - 434.75 - ~40% grey qtz vein material with some med-coarse py, also py in adjacent granodiorite. 440.75 - 442.0 - a few thin med-grey qtz veinlets and ~3% fine to med. py.									
			4024	2	386.5	387.5	1.0	-	-	NIL	-
			4025	2	400.0	401.0	1.0	-	-	Tr	-
			4026	2	405.5	406.5	1.0	-	-	NIL	-
			4027	2	420.0	421.0	1.0	-	-	NIL	-
			4028	<1	425.0	426.0	1.0	-	-	Tr	-
			4029	2	427.0	428.0	1.0	-	-	Tr	-
			4030	<1	429.0	431.0	2.0	-	-	NIL	-
			4031	2	433.75	434.75	1.0	-	-	Tr	-
			4032	3	440.75	442.0	1.25	-	-	Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-10

SHEET NO. 8 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
		447.0 - 448.0 - some fine-med py associated with chloritic fractures - it is to be noted that there are only a few magnetic spots in the granodiorite - thin mt veinlets which persist to bottom of hole; largely non-mag. - contains narrow qtz + qtz-carb. stringers decreasing to bottom.	4033	1	447.0	448.0	1.0	Cu	Zn	Au	Ag
		503' - 1/8" qtz-carb. fracture with some blady tourmaline and fine-med py associated with mt. vein	4034	1	502.5	503.5	1.0	-	-	NIL	-
		518.5' - 3/8" grey qtz stringer + adjacent med-fine py	4035	1-2	518.0	519.0	1.0	-	-	NIL	-
		531.0 - 532.0 - grey qtz vein; ~3% fine to very coarse py @ 531.5'	4036	2	531.0	532.0	1.0	-	-	NIL	-
		536 - 538 - a little cp @ 536' and very coarse to fine py 537 - 538 (~5%) - note that there is very little cp in intrusive, as compared to B zone holes.	4037	3	536.0	538.0	2.0	-	-	NIL	-
547		<u>END OF HOLE</u>									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-10

SHEET NO. 9 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	OZ/TON	OZ/TON
					FROM	TO			
FOLIATIONS - ANGLE WITH CORE AXIS:									
					FOOTAGE	∠°		FOOTAGE	∠°
					17	40		257	80-90
					32	50		283	65
					48	50		297	70
					58	47		302	80
					68	35		305	73
					94	58		317	80
					109	55		330	70
					112	65		343	75
					137	45		353	43
					148	55		357	65
					152	63		367	55
					157	55		377	60
					160	45		386	75
					172	80		386.5	80 - GRANDIORTIE CONTACT
					177	75			
					186	75			
					201	80			
					207	85-90			
					217	85			
					228	75			
					238	72			
					247	52			

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FAN CAMP TOWNSHIP

HOLE NO. AM-81-10

SHEET NO. 10 of 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au						
FROM	TO		NO.	% SULPH IDES	FOOTAGE		BOR	BRR	XRR	XRJ	AV	
					FROM	TO	TOTAL	oz/t	oz/t	oz-ton	oz-ton	oz/t.
		<p><u>SUMMARY - ASSAYS</u> SEE LOG AM-81-1 for explanation</p>	4020		315.25	316.5	1.25	0.02		<0.001		0.01



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-11 LENGTH 337'

LOCATION ISLAND LAKE ; CLAIM 322279-3

LATITUDE LINE 2+00S DEPARTURE 0+00 (BLA)

ELEVATION \_\_\_\_\_ AZIMUTH 090° DIP -50° (COLLAR)

STARTED MARCH 7, 1981 FINISHED MARCH 9, 1981

## ACID DIPTTESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	47°30'				
330	42°45'				

HOLE NO. AM-81-11 SHEET NO. 1 OF 10

REMARKS RECOVERY - 99.5%  
CASING PULLED

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LOGGED BY R.H. HENNING, P.ENG.

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	23.5	<u>WATER + OVERBURDEN (CASING TO 26.0'; 8.0' WATER)</u>										
23.5	58.75	<u>DACITE (60%) AND ANDESITE (40%) - interbanded; dacite is med to med-light green-grey, v. fine grained, mod. well foliated; andesite is dark green to black, v.f. grd, laminated, with some epidotization; ~5% very narrow qtz-carb. veinlets, max. 1/2"; - 3" med. red, med. grd. granite band @ 54.0' - non-magnetic. - contains only very minor py, locally max. 2%; @ 53', a few fine to med. py grains in andesite along carbonate-filled fractures.</u>	4038	1	52.5	53.5	1.0	-	-	Tr	-	
58.75	79.25	<u>GABBRO - fine to coarse grd., med. green and green-grey, - upper contact conformable @ 55°; a few thin reddish veinlets; uniform and massive to weakly foliated in places; &lt; 1/2% py + cp. - non-magnetic, no carbonate; note that lower contact at 30° and that unit is fine grained near contacts and coarser grained in central portion - probably sill.</u>										
79.25	109.0	<u>BASIC TUFF - upper portion 79.25-93 is fairly massive, dark green with ~10% carb. grains; 93-109 is weakly foliated mainly, med. to med-dark green, f. grd. - contains ~5% thin quartz-carb. veinlets.</u>										

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-11

SHEET NO. 2 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS							
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON		
					FROM	TO	TOTAL						
		104.75 - 105.25 - white-grey qtz-carb. vein - barren. - becomes better foliated toward base; some folding indicated; - contains minor dissem. py - a few med. cubes in places; - somewhat acidic in places due to silicification?											
109.0	113.0	<u>DACITIC TUFF</u> - med. green-grey, f. grd; carbonate-rich; contains up to 10% blady tourmaline; a few narrow qtz-carb. veins with some tourmaline; minor py near contacts in tuff; - unit contains < 1% py; non-magnetic.	4039	2	100.5	101.5	1.0	-	-	Tr	-		
		110.5 - 111.5 - one 1" and a 2 1/2" Q-C-T vein with a little py in tuff.	4040	1	110.5	111.5	1.0	-	-	NIL	-		
113.0	115.1	<u>Q-C-T VEIN MATERIAL (75%) AND DACITIC TUFF (25%)</u> - abundant (~20%) tourmaline; vein material is barren, but a little med. py occurs in tuff at upper contact; non-magnetic.	4041	1	112.8	115.1	2.3	-	-	NIL	-		
115.1	117.0	<u>DACITIC TUFF</u> - as 109-113; a few sulfides and about 10% narrow Q-C-T veins (< 3/8"); av. ~1% py; ~3% fine-med py in ~0.5' of underlying unit - gradational contact.	4042	2-3	115.1	117.5	2.4	-	-	Tr	-		
117.0	126.5	<u>BASIC TO INTERMEDIATE TUFF</u> - dark green to med. dark green, carbonate-rich; f. grd; ~5-10% qtz-carb. veins < 1" and some tourmaline; a few weak to mod. magnetic spots; - contains scattered fine to rare med. py.											
		121.5 - 122.5' - 2 to locally 5% fine to med. py with 1"	4043	3	121.5	122.5	1.0	-	-	0.02	-		
			4044	1	124.5	125.5	1.0	-	-	Tr	-		



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-11

SHEET NO. 3 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPH. IDES	FOOTAGE FROM TO TOTAL	%	%	OZ. TON	OZ. TON
126.5	135.25	Q-C vein @ 122.0' <u>ANDESITE</u> - dark green to black, massive to weakly foliated, f. grd; 10-20% narrow qtz-carb veins < 1" Some with tourmaline; 128.0-129.1 - ~65% quartz and qtz-carb. vein material with ~30% tourmaline - several veins, the widest is 6", others 1" or less; contains scattered med.-coarse py cubes, av. ~2% py. - a little py elsewhere - unit is weakly to mod. magnetic in spots only; most is non-mag.	4045	1	126.5 128.0 1.5	-	-	Tr	-
			4046	2	128.0 129.1 1.1	-	-	Tr	-
			4047	<1	129.1 130.1 1.0	-	-	Tr	-
135.25	183.0	<u>BASIC TUFF</u> - dark to med-dk green; typical laminated banded unit with some epidotization; little qtz-carb. vein material; small-scale folding and faulting in places; - strongly magnetic - contains veins, bands, dissem. mt (this is the main mag. anomaly?) - generally contains only minor py, local patches up to 5%, some associated with Q-C veinlets.; mainly fine to med, rarely coarse.	4048	5	135.0 136.0 1.0	-	-	NIL	-
			4049	3	137.0 138.0 1.0	-	-	NIL	-
			4050	3	169.0 170.0 1.0	-	-	NIL	-
			4051	3-5	174.5 175.5 1.0	-	-	NIL	-
			4052	1-5	175.5 176.5 1.0	-	-	Tr	-
			4053	1	176.5 177.5 1.0	-	-	NIL	-
183.0	189.0	<u>INTERMEDIATE TUFF</u> - med. green to green-grey and med. dark green; fine grd; carbonate-rich; weakly to non-foliated; minor thin Q-C veinlets; some scattered dissem. med. py. - moderately to strongly magnetic.	4054	3	186.0 187.5 1.5	-	-	Tr	-
189.0	199.0	<u>GRANITE</u> - pink to pink-grey; f. grd., altered; ~5% mica; 5% Qtz and Q-C stringers; a few scattered mt veins;							

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-11

SHEET NO. 4 OF 10

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ. TON	OZ TON
					FROM	TO	TOTAL				
199.0	214.25	-contains 1% dissem. fine-med py, locally more over narrow spots, generally associated with qtz veining.	4055	1	191.0	193.0	2.0	-	-	NIL	-
		-upper contact disconformable, lower is flat, with qtz vein @ ~25°	4056	1-2	193.0	195.0	2.0	-	-	NIL	-
		ZONE OF QUARTZ VEINING, SILICIFICATION, APLITE INTRUSION AND MINERALIZATION - intense folding and shearing is indicated - foliations vary from 60° to 0°.	4057	<1	195.0	197.0	2.0	-	-	NIL	-
			4058	1-2	197.0	199.0	2.0	-	-	NIL	-
		199-199.5 - Pinkish-white qtz vein with med-coarse py and 3/8" band of py @ 199.5' - ~20% py.	4059	20	199.0	200.2	1.2	-	-	0.02	-
		199.5-200.2 - silicified tuff + basic tuff - med. dark green and grey; ~10% fine to coarse py in thin seams and blebs;									
		200.2-200.9 - white and light-grey qtz vein with chlorite and carbonate, 1-2% fine-med py.	4060	1-2	200.2	200.75	0.55	-	-	Tr	-
		200.9-201.3 - dark grey to white qtz, minor tourmaline and very siliceous, dark grey tuff; contains 50-60% med. to very coarse py - almost massive - best sulfide section in hole.	4061	55	200.75	201.3	0.55	-	-	0.02	-
		201.3-202.0 - continuation of above - folded, dark grey acid, silicic tuff + carbonate-rich intermediate tuff with 5% fine-med. py.	4062	5	201.3	202.5	1.2	-	-	Tr	-
		202.0-203.7 - intermediate, carbonate-rich tuff with a few siliceous bands; several seams and disseminated fine to coarse py; av. 5%.	4063	5	202.5	203.0	0.5	-	-	Tr	-
			4064	5	203.0	203.7	0.7	-	-	0.01	-
		203.7-207.1 - pink to reddish, grey and dark grey, very siliceous, sheared rock - possibly acid tuff or aplite?	4065	5	203.7	205.7	2.0	-	-	Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-11

SHEET NO. 5 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
		contains 5-10% fine-grained, needle tourmaline in streaks, bands, folded - foliations 45° to 0°; grey-pink qtz-carb. vein 205.25-205.75 with a little py in tuff inclusion at upper contact; otherwise barren; - contains minor py (<1%), except 205.75-207.1 - 2-5% fine to med. py.	4066	3	205.7	207.0	1.3	Cu	Zn	Au	Ag
		207.1 - 209.0 - largely qtz-tourmaline vein material with 20-40% fine tourmaline and a little silicified tuff; 2-3% fine py associated with tourmaline; broken up, folded.	4067	2-3	207.0	208.8	1.8	-	-	Tr	-
		209.0 - 211.3 - ~50% grey to white and buff qtz vein material - rest is basic tuff; mineralized sporadically; med - coarse py at lower contact of qtz in basic tuff, ~10% over 3"; there is some fine py in qtz.	4068	3-5	208.8	210.6	1.8	-	-	NIL	-
		211.3 - 212.2 - basic tuff, dark green + irregularly injected aplitic, qtz-rich material (~50%); scattered fine to med. py (up to 5% locally) in tuff, rarely in intrusive;	4069	3	210.6	212.4	1.8	-	-	0.01	-
		212.2 - 212.9 - Basic - intermediate tuff; <1% med. py.									
		212.9 - 213.6 - highly siliceous, sheared tuff, med - dark grey; a little fine grd. py in fractures (~1%)	4070	1-2	212.4	214.3	1.9	-	-	Tr	-
		213.6 - 214.25 - (lower contact of zone) - basic tuff; thin seams of fine py, rare med. cubes; av. ~2%.									
		- the whole zone is weakly to strongly magnetic, especially where sulfides occur (except intrusive sections).									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-11

SHEET NO. 6 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ TON	OZ TON	
					FROM	TO					TOTAL
214.25	220.5	<p><u>GRANITE</u> - or aplite, altered; pink to light red; uniform, massive, only specks of f. grd. py here and there; non-magnetic;</p> <p>215.75 - 216.5 - interband of basic tuff with ~ 30% qtz vein and qtz knot material; contains up to 5% fine-med. py - magnetic.</p> <p>- tuff interbands near base of unit.</p>									
			4071	5	215.5	216.5	1.0	-	-	Tr	-
220.5	231.25	<p><u>BASIC TUFF AND ANDESITE</u> - dark green to black; f. grd; ~ 10% C-Q veinlets &lt; 1"; massive to moderately foliated; ~ 20% intrusive granitic material;</p> <p>228.5 - 230 - pink-red aplitic granitic rock; also thin aplitic veins 227-228";</p> <p>- tuff contains widely scattered fine to med. cube py - locally to 1%, av. ~ 1/2%.</p> <p>- 227.25 - 1/4" qtz-carb. veinlet with good cp, minor py adjacent.</p> <p>- unit is moderately to strongly magnetic.</p>									
			4072	< 1	224.5	225.5	1.0	-	-	NIL	-
			4073	1	227	228	1.0	0.295	-	NIL	-
231.25	250.5	<p><u>GRANITE</u> - pink grey to brick red; altered due to mt. vein intrusion (red in these areas); med. grd; 5-10% biotite; common powdery mt. veins cut granite 1/16" to 3" - obviously intrusive; this is peak of mag. anomaly?</p> <p>- scattered minor py and occasional cp.</p> <p>244.0-246.0- 0.5-1% cp + some py in altered granite with mt. veining</p> <p>- upper contact ~ 45°, lower @ 55°</p>									
			4074	1	244.0	246.0	2.0	0.105	0.003	NIL	-
250.5	257.25	<p><u>BASIC TUFF</u> or andesite - weakly foliated, ~ 5% C-Q</p>									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-11

SHEET NO. 7 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
				FROM	TO	TOTAL					
		stringers + some carbonate in tuff; v. fine grd, dark green to black; moderately to strongly magnetic; contains scattered fine to rare coarse py as disseminations and thin discontinuous streaks and wisps; best sulfides 255.25 - 256.75 (5%).	4075	5	255.25	256.75	1.5	Cu	Zn	Au	Ag
257.25	261.25	GRANITE - as previously; a few narrow basic tuff interbands (chlorite-rich); generally minor py; @ 259 - several coarse py cubes.	4076	3	258.5	259.25	0.75	-	-	Tr	-
261.25	277.0	BASIC TUFF - ANDESITE - as 250.25 - 257.25; a few narrow altered granitic intrusions (pink); scattered sulfides (<1% av.)									
		264 - 265 - 3% fine-med py associated with ~20% Q-C veinlets	4077	3	264.0	265.0	1.0	-	-	Tr	-
		- unit is strongly magnetic									
		- somewhat dacitic in bottom 5' - gradational from basic tuff; a few barren grey qtz stringers + Q-C stringlets from 268' to bottom + some granitic intrusive material.									
277.0	337.0	GRANODIORITE - GRANITE - typical, as in previous holes; to 313' it is pink to pink-grey; from there to bottom light-greenish-grey; mostly med. grd; contains scattered interbands of basic tuff + heavily chloritized material to 293.5 (~20%);									
		- scattered py (fine to coarse);									
		- abundant mt veins, some brecciated to bottom									
		- <3% grey qtz stringers.									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-11 SHEET NO. 8 OF 10

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON		
					FROM	TO	TOTAL						
		279-280 - a few coarse py cubes + some fine py, ~1%											
		281-282 - one bleb of cp @ 281.5'	4078	1	279.0	280.0	1.0	-	-	NIL	-		
		290-291 - a little py in tuff interband ~5% over 1"	4079	<1	281.0	282.0	1.0	-	-	NIL	-		
		291.5-292.5 - 1 to 10% fine-med py in tuff interband and in granite;	4080	2	290.0	291.0	1.0	-	-	NIL	-		
		308.5-309.75 - ~25% grey qtz, minor dissemin. py.	4081	5	291.5	292.5	1.0	-	-	Tr	-		
		318.25-319.25 - very coarse py in narrow (3/8") fracture @ 319'; also py elsewhere; av. 2%.	4082	<1	308.5	309.75	1.25	-	-	NIL	-		
		327.1-328.1 - 2 grey qtz veins (1/4" → 3/8") with some fine to coarse py (av. 1%)	4083	3	318.25	319.25	1.0	-	-	NIL	-		
			4084	1	327.1	328.1	1.0	-	-	NIL	-		
337		<u>END OF HOLE</u>											

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FAN CAMP TOWNSHIP

HOLE NO. AM-81-11 SHEET NO. 9 of 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON
					FROM	TO				
FOLIATIONS - ANGLE WITH CORE AXIS:										
					FOOTAGE	∠°			FOOTAGE	∠°
					24	68				
					37	60				
					47	60				
					56	45				
					107	72				
					117	65				
					122	60				
					137	70				
					139-164	Folding				
					152	70				
					167	67				
					171	72				
					180	70				
					180-182	0-30 (folding)				
					203	52				
					214	52				
					186-212	folding				
					222	55				
					223	granite contact folding 45-0				
					252	70				
					262	68				

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-11 SHEET NO. 10 OF 10

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		BQR oz/t	BRR oz/t	XRR oz TON	XRT oz TON	AV oz/t	
					FROM	TO						TOTAL
		<u>SUMMARY - ASSAYS</u>										
		SEE LOG AM-81-1 for explanation										
				4043	121.5	122.5	1.0	0.02		0.017		0.02
				4059	199.0	200.2	1.2	0.02		0.017		0.02
				4061	200.75	201.3	0.55	0.02		0.024		0.02
				4064	203.0	203.7	0.7	0.01		0.005		0.01
				4069	210.6	212.4	1.8	0.02		0.006	0.006	0.01





# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY EANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-12 LENGTH 362'

LOCATION ISLAND LAKE; CLAIM 322279-3

LATITUDE LINE 4+00S DEPARTURE 0+75 W BLA

ELEVATION \_\_\_\_\_ AZIMUTH 090° DIP -45°(COLLAR)

STARTED MARCH 10, 1981 FINISHED MARCH 12, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	41°45'				
300	39°45'				
362	38°45'				

HOLE NO. AM-81-12 SHEET NO. 1 OF 9

REMARKS RECOVERY - 99.5%  
CASING PULLED

DRILLED BY: CONTACT DRILLING LTD, CHIBOUGAMAU

LOGGED BY R.H.HENNING, P.ENG.

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
0	22	<u>CASING - WATER + OVERBURDEN</u>									
22	54.25	<u>GABBRO</u> - minor andesite; typical - med - dark green, fine to coarse grd; weakly foliated; scattered minor py + cp (<1/2%); moderately magnetic 53.0-54.25 (start mag zone).									
54.25	57.75	<u>BASICTUFF</u> - dark green; carbonate-rich; massive to weakly foliated; very minor py; strongly magnetic to 57.0!									
57.75	60.75	<u>ACID TO INTERMEDIATE TUFF</u> - silicified; mod. well foliated, with a little basic tuff interbanded; light to med. grey and med. grey-green; f. grd; contains sericite - muscovite; 60-60.5 - a few narrow bluish-grey qtz stringers; non-magnetic. - contains from 1- locally 5% fine to med. py 58.75-60.75. sulfides continue into underlying unit	4123	1-2	58.75	59.75	1.0	-	-	NIL	-
			4124	2-5	59.75	61.25	1.5	-	-	NIL	-
60.75	70.0	<u>ANDESITE - BASICTUFF</u> - with possible fine-grained intrusive gabbroic rock; mainly dark green, chloritic; v. fine grd; massive to very weakly foliated; contains 5-10% thin C-Q stringlets; non-magnetic. - contains widely scattered med. cube py (<1%)	4125	1	67.5	68.5	1.0	-	-	NIL	-
70.0	72.75	<u>ACID TO INTERMEDIATE TUFF</u> - med. green to med. grey; and lt. grey; mainly very schistose with abundant									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-12

SHEET NO. 2 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ. TON	OZ. TON
72.75	78.25	(20%) sericite; f. grd; contains ~1% f. grd. py + a few very narrow Q-C stringlets; non-magnetic <u>INTERMEDIATE TUFF</u> - carbonate-rich with med. to coarse carbonate grains (~20% carbonate) + a few Q-C stringlets; med. green; non-magnetic; scattered mainly f. grd. sulfides, ~1% Av., locally to 2%.	4126	1	70.0 71.5 1.5	-	-	Tr	-
78.25	87.0	<u>ANDESITE - BASIC TUFF</u> - typical, dark green, massive to weakly foliated unit, shot through with 10-15% C-Q veinlets and stringlets; v. fine grd; contains widely scattered fine to rare coarse py cubes, av. ~1%; unit is moderately magnetic 73.0-87.0 78.25-79.75 - several coarse py cubes + scattered med. cubes, av. ~2% S. 86.5-87.5 - 1-2% fine-med. py in abundant C-Q vein material in tuff and in underlying andesite	4127	1-2	76.25 77.75 1.5	-	-	Tr	-
87.0	91.5	<u>ANDESITE</u> - typical, dark green-black, laminated, banded variety with epidotization. A little dissem. fine-med py at top and bottom; only a few weakly magnetic spots.	4128	2	78.25 79.75 1.5	-	-	NIL	-
91.5	115.5	<u>GABBRO</u> - sheared, weakly to med. foliated, typical variety; med. green; largely f. grd with minor med. grd. sections; scattered fine to occasional med. py and a little cp; <1%. - upper contact slightly discordant @ 35°, lower is gradational; - some epidotization and hematite veinlets; non-magnetic - largely folded-flat foliations 102-112.'	4129	1-2	86.5 87.5 1.0	-	-	Tr	-
			4130	2	90.5 91.5 1.0	-	-	NIL	-
			4131	1	97.0 98.0 1.0	-	-	Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-12

SHEET NO. 3 of 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			Cu	Zn	Au	Ag	
					FROM	TO	TOTAL					
115.5	128.0	ANDESITE - typical, laminated, banded, as 87-91.5' 117-118 - 2% to locally 5% med-coarse py; - some small-scale folding indicated; non-magnetic.	4132	3	117.0	118.0	1.0	-	-	NIL	-	
128.0	145.0		ANDESITE - BASIC TUFF - largely carbonate-rich; v. fine grd., folded; ~5% Q-C veinlets < 1/4"; dark green; increasing carbonate toward base; - scattered fine to med. grd. py cubes; av. < 1%, locally to 2%; - non-magnetic. 130.75-134.25 - 1-2% py, locally to 5% over narrow widths; folded section; some tourmaline	4133	3	130.75	134.25	3.5	-	-	NIL	-
145.0	184.0	BASIC TUFF (or altered gabbro?) - carbonate-rich; fine to coarse grd, mainly med. grd; composed of 60-70% mafics, rest is carbonate (replacing feldspar?); only a few qtz and qtz-carb. veinlets < 1", except: 148.5-149.25 - white qtz-carb. vein with contacts ~70°; barren, but some med. to coarse py in tuff near contacts; 151.75-152.5 - white Q-C-T vein with ~10% tourma- line in bands; contains 1/4" band of med-coarse py from 152.25-152.5, av. ~3% py; only a few py cubes in tuff near contacts. - unit is massive to weakly foliated and non- magnetic throughout; - tuff becomes finer grained toward base; contains ~10% Q-C veinlets < 1/2" from 167' to bottom; - only scattered med. cube py 167-180.5'		4134	1	139.0	140.0	1.0	-	-	Tr	-
				4135	2	145.0	146.75	1.75	-	-	NIL	-
			4136	3	148.2	149.75	1.55	-	-	NIL	-	
			4137	< 1/2	149.75	151.75	2.0	-	-	NIL	-	
			4138	< 1	151.75	152.75	1.0	-	-	Tr	-	
			4139	1	152.75	153.75	1.0	-	-	Tr	-	
			4140	1-2	164.0	165.0	1.0	-	-	Tr	-	
			4141	1-2	165.0	166.25	1.25	-	-	Tr	-	

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-12

SHEET NO. 4 OF 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
		180.5-181.5 - Q-C-Aplite-Tourmaline vein material ~80% ; 20% tourmaline ; a few med-grd.py patches	4142	2	180.5	181.5	1.0	-	-	Tr	-
		180.5-180.75' in Q-C-T vein (~2%) ; rest is barren except at lower contact in tuff where a few med.py cubes occur;	4143	1	181.5	182.75	1.25	-	-	Tr	-
		180.5' to bottom - tuff contains ~5% dissem., med-f.grd.tourmaline.									
184.0	191.25	<u>INTERMEDIATE TO BASIC TUFF</u> - altered ; contains ~5% tourmaline ; med. green mainly ; fine-grd ; carbonate-rich ; well foliated ;									
		187.5 - 1" white to pink qtz vein with a little py at contacts ;	4144	1-2	187.0	188.25	1.25	-	-	0.01	-
		187.5 - 188.1 - white-grey qtz vein ; contacts ~60-65° (conformable), with a little fine to coarse py at contacts in vein as well as in tuff ; 5% tourmaline.	4145	2	188.25	190.0	1.75	-	-	Tr	-
		187.2 - one coarse py cube (1/4")	4146	1-2	190.0	191.5	1.5	-	-	Tr	-
		- a little dissem. mt 190-191.5, rest of unit is non-mag ;									
		- scattered fine to med py generally ; av. ~1% , to 2% locally.									
191.25	201.0	<u>BASIC TUFF TO ANDESITE</u> - mod. to weakly foliated ; dark green mainly ; v. fine-grd ; contains 5-10% Q-C vein material, <1/2" and from 1% to locally 2% fine to rare coarse py ;									
		- decreasing tourmaline content to bottom ;									
		192.75-193.75 - 3 grey qtz veins <1/2" with some fine-med	4147	1	192.75	193.75	1.0	-	-	0.01	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-12

SHEET NO. 5 OF 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
201.0	207.75	py near contacts, av. 1% py. <u>ANDESITE</u> - dark green; typical, banded-laminated variety; ~10% x-cutting Q-C veinlets < 1/2"; a few thin red aplitic and porphyritic bands; minor sulfides (< 1/2%). - moderately to strongly magnetic.	4148	2	195.25	196.25	1.0	Cu	Zn	Au	Ag
			4149	1-2	197.0	199.0	2.0	-	-	Tr	-
207.75	212.0	<u>MIXED ZONE</u> - Intrusive material + brecciated basic tuff - andesite; 207.75 - 209.25 - light-grey, sheared porphyry containing angular fragments of med. grey to light grey material + carbonate + magnetite veins; contacts 30-35°; barren; 209.25 - 211.0 - med. dark green-grey brecciated andesite; angular-med. grey acidic or intermediate fragments in green groundmass - barren 211.0 - 212.25 - red, fractured, aplitic intrusive with ~5% Q-C veinlets; only minor py at lower contact and one grain of ep within unit; - all of the above units contain stringlets of mt - unit is mod. to strongly magnetic.									
212.0	214.0	<u>BASIC TUFF</u> - dark green, fine-grd with sheared grey porphyry band; < 1/2% fine py; moderately magnetic.									
214.0	216.5	<u>INTERMEDIATE TUFF</u> - carbonate-rich with some tourmaline; similar to 184 - 191.25; non-magnetic. - contains some fine to rare med py from 214.75.	4150	1-2	214.75	217.25	2.5	-	-	0.01	-

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-12

SHEET NO. 6 OF 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ TON	OZ TON	
					FROM	TO	TOTAL					
216.5	234.0	<p><u>BASIC TUFF</u> - largely carbonate-rich; dark-med. green, as previously; only &lt; 3% thin Q-C stringlets; scattered py - fine to med. - mainly moderately to strongly magnetic</p>	4201	1	220.0	221.0	1.0	-	-	Tr	-	
			4202	1-2	222.5	223.5	1.0	-	-	Tr	-	
			4203	3	227.0	228.0	1.0	-	-	Tr	-	
234.0	254.0	<p><u>ANDESITE</u> - typical laminated, banded variety; dark green; common epidotization and thin aplitic to porphyritic veinlets. 250-254 - silicified - contains locally, minor fine to med and rare coarse py; - unit possibly includes some sheared, med. grd. gabbro. - strongly magnetic throughout - veinlets, dissem. of mt.</p>	4204	3	242.75	243.75	1.0	-	-	Tr	-	
			4205	2	250.75	251.75	1.0	-	-	NIL	-	
254.0	264.0	<p><u>SILICIFIED TUFF (50%), GRANITE (50%)</u> - intermixed; highly altered, silicified; 254-255 - pink, med. grd. granite; mt and 2% med-coarse py; 255-255.75 - silicified, med. grey to dk green tuff; minor py; 255.75-257 - pink-grey granite, &lt; 1% py. 257-260 - largely silicified grey to green tuff with abundant qtz and qtz-carb. vein material, minor py. 260-263.25 - Largely granite with ~ 20% intermixed, sheared, silicified tuff; 1% dissem fine-med cube py. 263.25-264 - silicified tuff, &lt; 1% py. - the tuff bands and some granite are moderately magnetic.</p>	4206	2	253.5	255.0	1.5	-	-	NIL	-	
			4207	41	255.0	257.0	2.0	-	-	NIL	-	
			4208	1	260.0	264.0	4.0	-	-	NIL	-	

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-12

SHEET NO. 7 OF 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
264.0	362.0	<p><u>GRANITE - GRANODIORITE</u> - light pink to pink-grey and greenish-grey; fine to med. grd; altered to 273' (fine grd.; silicified, containing abundant mt. veinlets) 273 - bottom - mt veinlets more scattered, there does not appear to be any dissem. mt.</p> <ul style="list-style-type: none"> <li>- contains a few grey qtz veins and stringers;</li> <li>- a few chlorite-filled fractures</li> <li>- disseminated fine to some coarse cube py and very minor cp sporadically disseminated;</li> </ul> <p>266-267.7 - altered, f. grd. granite with ~2% fine to rare coarse py;</p> <p>282.75-284.25 - several grey qtz veins 1/2" to 1" with chloritic contacts; med. to coarse py within and adjacent to veins; fine grd. py in granite; av. 2% py.</p> <p>288-289 - @ 288.5' - part of 1" grey qtz vein with coarse bleb of py, possible cp.</p> <p>295-296 - a few med-coarse py cubes associated with 3/8" grey qtz vein</p> <p>312-313 - some med-coarse cube py within and adjacent to grey, 1/4" qtz stringer</p> <p>327.75-329.0 - ~2% dissem. fine to coarse py within and adjacent to thin qtz stringers; altered.</p> <p>325-326.5 - up to 5% med-fine py within and adjacent to 1/4" qtz stringer;</p> <p>311-312 - @ 311.5', thin Q-C stringer with yellowish py + some coarse cube py elsewhere</p>					Cu	Zn	Au	Ag	
			4209	2	266.0	267.7	1.7	0.002	-	NIL	-
			4210	2	282.75	284.25	1.5	-	-	NIL	-
			4211	2	288.0	289.0	1.0	0.010	-	Tr	-
			4212	2	295.0	296.0	1.0	-	-	NIL	-
			4213	1	312.0	313.0	1.0	-	-	NIL	-
			4214	2	327.75	329.0	1.25	-	-	NIL	-
			4215	2-5	325.0	326.5	1.5	-	-	NIL	-
			4216	1	311.0	312.0	1.0	0.006	-	NIL	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-12

SHEET NO. 8 OF 9

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
		355 - 356 - @ 355.5, med-coarse py over ~2" (2%) 358' - 4" chloritic shear with some Q-C; barren.	4217	1	355.0	356.0	1.0	Cu	Zn	Au	Ag
								-	-	Tr	-
362.0		<u>END OF HOLE</u>	FOLIATIONS - ANGLE WITH CORE AXIS :								
					FOOTAGE	∠°				FOOTAGE	∠°
					27	60			177	52	
					46	73			187	60	
					57	75			197	55	
					59	75			212	65	
					72	60			214	75	
					77	60			217	60	
					87	55			228	60	
					97	65			239	69	
					102	20-30	} FOLDING		246	70	
					107	25			258	70	
					112	0			263	70	
					116	60			264	65	
					119	55			264	55	- Main granite contact
					122	55					
					127	45					
					129-142	70-0 Av. 30° (Folding)					
					142	65					
					153	55					
					167	65					



# DIAMOND DRILL RECORD

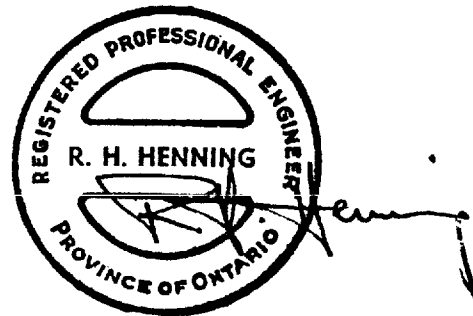
ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-12

SHEET NO. 9 OF 9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		BOR oz/t	BRR oz/t	XRR		AV oz/t	
					FROM	TO			oz TON	oz TON		
		SUMMARY - ASSAYS										
		SEE LOG AM-81-1 for explanation										
			4144		187.0	188.25	1.25	0.01		0.004		0.01
			4147		192.75	193.75	1.0	0.02		0.003		0.01
			4150		214.75	217.25	2.5	0.01		0.010	0.003	0.01



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-13 LENGTH 307'

LOCATION ISLAND LAKE; CLAIM 322279-3

LATITUDE 3+00S DEPARTURE 0+00 (BL-A)

ELEVATION \_\_\_\_\_ AZIMUTH 090° DIP -45° (COLLAR)

STARTED MARCH 13, 1981 FINISHED MARCH 14, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	44°15'				
297	38°15'				

HOLE NO. AM-81-13 SHEET NO. 1 OF 8

REMARKS RECOVERY - 99.5%  
CASING PULLED

DRILLED BY: CONTACT DRILLING  
LTD., CHIBOUGAMAU

LOGGED BY R. H. HENNING, P. ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	17.0	<u>WATER + OVERBURDEN (CASING TO 18.0)</u>										
17.0	17.5	<u>FAULT BRECCIA OR AGGLOMERATE</u> - grey; contains buff to reddish-buff angular fragments up to 1" long in fine-grd chlorite-silica matrix and very fine-grained sulfides; a few thin C-Q veinlets with some tourmaline; fragments are highly siliceous-rhyolite?; contact with underlying unit is thin Q-C vein; this unit definitely looks like a fault breccia; non-magnetic.										
17.5	45.75	<u>BASIC TUFF - ANDESITE</u> - dark green; composed of chlorite-amphiboles and 10-20% C-Q veinlets and replacement material (grey); 1% to locally 10% tourmaline; poorly foliated; -als contains some med. grey qtz veinlets and knots; 23.5' - 1" white Q-C vein - barren; 28.6 - 29.2 - white-grey Q-C vein, barren; - weakly to strongly magnetic 36.5-45.5 due to dissem. mt associated generally with C-Q material; rest is non-mag. - contains dissem. fine to coarse cube py throughout, av. perhaps 1%; there are local concentrations of sulfides: 18.2-18.7 - 5-10% fine to med py associated with										



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-13

SHEET NO. 3 OF 8

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ TON
					FROM	TO	TOTAL				
66.0	70.0	<p><u>ANDESITE - DACITE</u> - typical, fine-grd; med.-dark green; contains some fine-grd. py from 68' including ~5% Q-C-T material; 69.25 - 2" red, granitic band.</p>	4238	1	67.5	68.5	1.0	-	-	Tr	-
70.0	91.0		<p><u>DACITE, DACITE TUFF</u> - predominantly; also includes some med. grey acid tuff and silicified basic tuff; fine-grained; 81-83 - med. green-grey gabbro-diorite, fine-med. grd. - very few x-cutting C-Q veinlets, no dissem. carb; well foliated, sometimes banded, schistose; - contains scattered f. grd. py aggregates, sometimes up to 5% over &lt;1/4", but very sporadic; generally barren; - a little cp here and there; 91.5 - 1/4" py stringer - note that unit is quite silicified; non-magnetic.</p>	4239	1	86.0	87.5	1.5	-	-	Tr
			4240	3	90.0	91.0	1.0	-	-	NIL	-
91.0	125.75	<p><u>GABBRO-DIORITE</u> - med.-dark green; typical; fine to coarse grained; mainly massive, uniform; common brick-red hematitic veinlets, but very few thin Q-C veinlets; very minor py (&lt;1/4%); non-calcareous; non-magnetic; - a little cp + py in thin veinlets</p>									
125.75	143.0	<p><u>BASIC TUFF</u> - contains up to 15% Q-C material; and some associated tourmaline; dark green, f. grd; to med. grd; non-magnetic; contains few sulfides - widely scattered, &lt;1/2% av. 131-132 - a little med-fine py, ~20% Q-C vein material</p>	4241	1	131.0	132.0	1.0	-	-	Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-13

SHEET NO. 4 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
		136.5 - 137.5 - a little Q-C-T vein material + a few med-fine sulfides	4242	1	136.5	137.5	1.0	Cu	Zn	Au	Ag
143.0	165.5	145' - 2" white, barren, Q-T vein. <u>BASIC TUFF</u> - carbonate-rich with subsidiary, silicified dacite tuff; contains minor tourmaline in thin streaks; med. dark green and green-grey; - scattered Q-C-T vein material (grey) over short intervals, generally < 4", mostly < 1"; - also some aplitic intrusive material, < 0.5%, scattered; 145' - 4" white-grey qtz vein + a little carbonate-barren; - sulfides are scattered throughout to 158' - average 1% locally to 3%; - the section from 143 - 155 contains most of the sulfides and tourmaline-bearing tuff, slightly silicified with narrow Q-C-T material; - strongly to mod. magnetic 143.5 - 157.0 (dissem. mt.) and 162 - 165.5 (weak to mod.); - unit is more andesitic (banded, laminated, dark green with less carbonate from 162 - 165.5';									
		143 - 144.5 - 1 to locally 3% fine-med py; 25% Q-C-T material;	4243	1-3	143.0	144.5	1.5	-	-	0.01	-
		144.5 - 145.5 - 4" qtz vein and ~1% med. py in tuff;	4244	1	144.5	145.5	1.0	-	-	Tr	-
		145.5 - 147 - 2-3% fine-med. py; a few narrow Q-C-T veins;	4245	2-3	145.5	147.0	1.5	-	-	0.03	-
		147 - 148 - ~1% fine-med. py.	4246	1	147.0	148.0	1.0	-	-	Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-13

SHEET NO. 5 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
		153-154 - mainly Q-C vein material + carbonate-rich tuff; minor sulfides	4247	<1	153.0	154.0	1.0	-	-	NIL	-
		154-155 - largely carbonate-rich tuff + some tourmaline bearing vein material; ~2% fine-med. py.	4248	2	154.0	155.0	1.0	-	-	NIL	-
165.5	171.5	<u>APLITIC GRANITIC INTRUSIVE</u> - light red; a few narrow qtz veins; contacts ~65° to c/a, essentially conformable; contains very minor fine py.									
171.5	188.5	<u>ANDESITE</u> - slightly silicified; v. fine grd., dark green-grey to med.-dark grey; possibly includes some dacite; mod. well foliated;									
		174.5 - 4" med. grey C-Q vein, brecciated; minor fine py;	4249	1-2	171.75	173.75	2.0	-	-	Tr	-
		185.5-187.2 - mainly intrusive, pink granite-aplite with 3" interband of basic tuff containing ~5% fine to med. py; also minor py in intrusive;	4250	<1	173.75	175.0	1.25	-	-	Tr	-
		- unit is weakly to very strongly magnetic - veins of mt; especially at 185.5' (1" mt. vein);	4251	2	186.25	187.25	1.0	-	-	Tr	-
		- contains widely scattered fine to rare med. py.									
188.5	190.0	<u>GRANITE</u> - pink, altered, f. grd; very minor py.									
190.0	202.0	<u>ANDESITE</u> - typical laminated, banded variety, as previously; dark green; very few Q-C veinlets; v. f. grd; a few scattered, thin granitic porphyritic dykes; epidotized in places;									
		200-202 - unit is more massive, med-dark green-grey;									
		- contains only minor, scattered py except 200.5-201.5 - perhaps 2% fine-med. py; a few Q-C veinlets	4252	2	200.5	201.5	1.0	-	-	Tr	-
		- strongly magnetic.									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-13

SHEET NO. 6 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
				FROM	TO	TOTAL					
202.0	218.25	<u>INTERMEDIATE TO ACIDIC TUFF</u> - med. grey, probably largely of dacitic composition; fine-med. grd; composed of feld-biot-chlorite-qtz; intruded by numerous porphyritic bands (pinkish-grey); laminated, well foliated; becomes more acidic (light grey) toward base; generally non-magnetic, but occasional veins of massive mt. do occur to 207', accounting for strong mag. anomaly. -very minor sulfides.	4253	1	217.0	218.75	1.75	-	-	NIL	-
218.25	222.75	<u>MIXED ZONE OF GRANITE (60%) AND ANDESITE (40%)</u> - interbanded; granite (or granodiorite) is porphyritic, pink, med. grd; andesite is typical dark green, epidotized, laminated, banded variety; a few narrow grey qtz stringers; -minor py in andesite -andesite is strongly magnetic.									
222.75	307.0	<u>GRANITE - GRANODIORITE</u> - typical; mainly med. grd., to 245.5' is mainly altered, light red; from there, is largely pinkish grey and greenish-grey with abundant mt veinlets in altered portions; -sporadic py and very minor cp scattered throughout.									
		234' - a few med. py cubes	4254	1	233.5	234.5	1.0	0.002	-	NIL	-
		243.5 - 1/2" chloritic seam with some fine py.	4255	1	243.0	244.0	1.0	0.022	-	NIL	-
		245.25 - 246 - ~2% dissemin. fine to rare med. py.	4256	2	245.25	246.25	1.0	0.002	-	NIL	-
		271 - 272 - some fine-med and coarse py in thin fractures (~2%)	4257	2	271.0	272.0	1.0	0.003	-	NIL	-
		280 - 281.5 - a few med. py grains + minor cp, py in mt. vein @ 281.5'	4258	2	280.0	281.5	1.5	0.004	-	NIL	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-13

SHEET NO. 7 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL					
		295.5 - 297.75 - ~1% f.-grd. py in largely sheared, carbonate-rich granite; 1/2" grey qtz vein @ 295.5'	4259	1	295.5	297.75	2.25	0.001	-	NIL	-
		300.5 - 301.5 - ~1/2% coarse cube py associated with fractures and mt;	4260	1/2	300.5	301.5	1.5	0.001	-	NIL	-
		306 - 307 - a little py in a 1/4" chloritic fracture @ 306.75'	4261	<1	306.0	307.0	1.0	0.001	-	NIL	-
	307.0	<u>END OF HOLE</u>	FOLIATIONS - ANGLE WITH CORE AXIS:								
					FOOTAGE	L°				FOOTAGE	L°
					27	70-90?				210	75
					37	65				212	73
					48	65				217	70
					58	65				223	73 - Granite contact and foliation in andesite conformable.
					65	62					
					67	75					
					77	68					
					88	70					
					92	69					
					137	60					
					147	70					
					157	75					
					161	55					
					162	60					
					177	70					
					197	60					
					202	75					



# DIAMOND DRILL RECORD

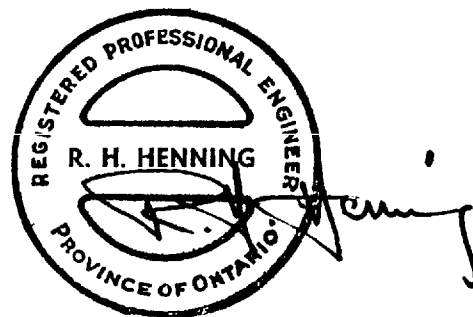
ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-13

SHEET NO. 8 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			BOR	BRR	ASSAYS - Au		AV		
FROM	TO		NO.	% SULPHIDES	FOOTAGE		oz/t	oz/t	OZ TON	OZ TON	oz/t	
					FROM	TO						TOTAL
		<u>SUMMARY - ASSAYS</u>										
		SEE LOG AM-81-1 for explanation	4219		18.0	19.0	1.0	0.29		0.301		0.30
			4220		19.0	20.0	1.0	0.04		0.017		0.03
			4243		143.0	144.5	1.5	0.01		0.014		0.01
			4245		145.5	147.0	1.5	0.03		0.021		0.03
		<u>AVERAGES :</u>			18.0	20.0	2.0					0.17
					143.0	147.0	4.0					0.02



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	41°00'				
197	39°45'				

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC  
 HOLE NO. AM-81-14 LENGTH 197'  
 LOCATION ISLAND LAKE ; CLAIM 322279-3  
 LATITUDE LINE 2+00S DEPARTURE 1+00E BL-A  
 ELEVATION \_\_\_\_\_ AZIMUTH 090° DIP -47° (COLLAR)  
 STARTED MARCH 15, 1981 FINISHED MARCH 16, 1981

HOLE NO. AM-81-14 SHEET NO. 1 OF 8  
 REMARKS RECOVERY - 99.5%  
CASING PULLED  
 DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU  
 LOGGED BY R.H. HENNING, P.ENG.

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	16.0	<u>CASING - WATER + OVERBURDEN</u>										
16.0	23.0	<u>BASIC TUFF</u> - dark green, massive to weakly foliated; fine-grd; contains up to 10% carbonate, ~10% Q-C and qtz stringers <2"; weakly to moderately magnetic 19-23. -contains only minor sporadic dissem. py - fine to rare med. grd; locally to 2%. 16.5' - a few med. py cubes 18.5-19.5 - 3" grey qtz vein with a few fine sulfides + 2% fine py 19.25 - 19.5	4262	1	16.0	17.0	1.0	-	-	0.01	-	
			4263	1	18.5	19.5	1.0	-	-	Tr	-	
23.0	68.0	<u>ANDESITE</u> - typical, v.f.grd, dark to med.-dark green, laminated, banded variety with epidotization; possible folding or pillow? structure in places; -contains <5% C-Q and qtz vein material; + a few narrow (<3") red aplitic and grey feld. -porphyry bands; -common mt veining which is obviously late and has brecciated rock in places; mod - strongly magnetic. -approaches dacitic composition in places; -scattered sulfides -generally where vein material or mt veins occur; locally to 5% but av. <1%; generally fine to rare med. py. 25-26 - a few med. py cubes @ 25.5'	4264	1	25.0	26.0	1.0	-	-	Tr	-	

LANGRIDGES - TORONTO - 366-1158

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-14

SHEET NO. 2 OF 8

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
		30.5 - 31.5 - 1/2" grey qtz. vein; a few fine py cubes near contacts;	4265	<1	30.5	31.5	1.0	-	-	NIL	-
		32.5 - 33.5 - Q-C vein material with ~2% fine py aggregates	4266	2	32.5	33.5	1.0	-	-	NIL	-
		40-41 - ~2% fine to med. py aggregates in 2 bands	4267	2	40.0	41.0	1.0	-	-	Tr	-
		44-45 - 2" grey Q-C vein @ 44.75 with ~3% med. py and a little py elsewhere	4268	2	44.0	45.0	1.0	-	-	Tr	-
		48-49 - ~5% fine to rare med. py associated with mt.	4269	5	48.0	49.0	1.0	-	-	Tr	-
		53.5 - 54.5 - Mt + pink qtz and some Q-C @ 54.0 with ~5% fine py over 1"	4270	2	53.5	54.5	1.0	-	-	Tr	-
		61.0 - 62.0 - 1 1/2" grey Q-C vein with 2% fine py, cp.	4271	2	61.0	62.0	1.0	-	-	Tr	-
68.0	74.75	<u>BASIC TUFF</u> - gradational from above unit; dark - med. - dk green-grey; f. grd; weakly banded to massive in bottom 2'; increasing thin Q-C veinlets, <1/8" to base; contains ~5% carbonate; ~1% fine sulfides throughout.									
74.75	79.5	<u>INTERMEDIATE - ACID TUFF</u> - carbonate-rich; med. greenish-grey; f. grd; contains a few narrow Q-C and grey qtz stringers especially near base; silicified at base in contact with underlying Q-vein; weakly to mod. foliated; dissem. mt - strongly magnetic; - contains dissem. py - mainly fine, also in streaks, aggregates, some med. grd; av. 2%, locally to 5% over narrow widths;									
		78.25 - 79.5 - highly silicified tuff + dark to med. grey Q.;	4272	2	74.25	76.25	2.0	-	-	NIL	-
			4273	1-2	76.25	77.25	1.0	-	-	NIL	-
			4274	<1	77.25	78.25	1.0	-	-	Tr	-
			4275	3-5	78.25	79.5	1.25	-	-	Tr	-

LANGRIDGES - TORONTO - 366-1158

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FAN CAMP TOWNSHIP

HOLE NO. AM-81-14

SHEET NO. 3 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
				FROM	TO	TOTAL					
79.5	82.5	~3% locally 5% streaks, dissem. fine to some coarse py. <u>QUARTZ VEIN</u> - white to buff and pinkish with some dark grey qtz in places, esp. near contacts; - contains no tourmaline, but mt as 3/8" band and disseminations; - contains sulfides - dissem. py + fine py aggregates; these are concentrated mainly in upper 0.75', ~5% there.	4276	5	79.5	80.5	1.0	-	-	0.04	-
			4277	<1	80.5	82.5	2.0	-	-	Tr	-
82.5	84.25	<u>INTERMEDIATE TO ACID TUFF</u> - sheared, altered; med. - lt. grey to green-grey; mod. well foliated; 82.5 - 83.25 - abundant grey qtz vein material (~50%) in chloritic tuff; - contains fine to some med. py as thin bands, streaks, dissem., av. ~3%, locally to 10% over short intervals; also x-cutting C-Q veinlets <1/4"; mod. to strongly magnetic.	4278	3	82.5	84.25	1.75	-	-	Tr	-
84.25	89.0	<u>GRANITE - APLITE</u> - altered mainly; aphanitic to med. grd. and porphyritic; med. grey to pinkish-grey and reddish; contains a few narrow interbands of tuff; upper contact irregular, lower @ 80°; - sulfides are associated with tuff interbands - fine to med. grd. and some coarse py; some mt. veins. 86.4 - 87.4 - 2-3% dissem. fine-med py + mt. vein in granite and tuff interband; 88 - 89 - ~2% fine to coarse py in granite and tuff.	4279	2-3	86.4	87.4	1.0	-	-	Tr	-
			4280	2	88.0	89.0	1.0	-	-	Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-14

SHEET NO. 4 of 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ TON	
				FROM	TO	TOTAL					
89.0	102.0	<p><u>MIXED TUFF</u> - carbonate-rich, as previously, with some interbanded basic tuff; med. green-grey to dark green and black; fine to med. grd; carbonate content decreases toward base; 5% thin Q-C veinlets and several orange-red aplitic to granitic porphyry bands; weakly foliated, to massive; strongly magnetic throughout (dissem. mt.)</p> <p>- contains scattered fine to med. py, best section 89-92, 2-3% S, locally to 5%</p> <p>92-93 - ~1% S, locally 2% S.</p> <p>89-93 - Acid-Intermediate tuff, med. grey-green containing most of sulfides;</p> <p>94.75-96.6 - carbonate-rich tuff, med. green-grey but few sulfides;</p> <p>- next is dark green, basic tuff.</p>	4281	2-3	89.0	92.0	3.0	-	-	NIL	-
			4282	1	92.0	93.0	1.0	-	-	Tr	-
			4283	3	93.5	94.5	1.0	-	-	Tr	-
			4284	2	98.75	99.75	1.0	-	-	NIL	-
			4285	1	99.75	102.0	2.25	-	-	NIL	-
102.0	107.5	<p><u>GRANITE</u> - light red to med. pink-grey and pink; med. grd; partially altered; contains abundant wt veins in altered sections; up to 2% fine-med. py in places</p>	4286	1-2	104.0	107.5	3.5	0.003	-	Tr	-
107.5	115.0	<p><u>BASIC TUFF</u> + some interbanded intermediate to silicified tuff; narrow granitic intrusive bands (&lt;4"); some brecciation; up to 15% Q-C vein material; mostly strongly magnetic; well to poorly foliated; contains scattered fine to med. cube py, locally to 2% over &lt;1"</p>	4287	1	110.0	112.0	2.0	-	-	NIL	-
115.0	120.2	<p><u>GRANITE</u> - med. pink-grey, typical; massive, slightly</p>									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-14

SHEET NO. 5 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON
					FROM	TO	TOTAL				
120.2	158.0	<p>porphyritic, med. grd; non-magnetic; contains ~1% to 2% fine to rare med. py in places</p> <p><u>MIXED BASIC TUFF (70%), INTERMEDIATE TO ACID TUFF (10%) AND GRANITIC MATERIAL (20%)</u> - basic tuff is dark green, chlorite-rich in places approaching schist; contains abundant grey qtz knots and stringers plus aplitic pink to buff inclusions; brecciated in places and silicified; mainly poorly foliated;</p> <p>The intermediate to acid tuff interbands do not contain the above inclusions; med. grey to med. lt. grey, well foliated.</p> <p>The granitic intrusive material consists of pink med. grd. granite to porphyry and pink to reddish aplite.</p> <p>128-129 - Granite</p> <p>131-134 - Granite + some aplite</p> <p>153-154 - largely aplite + some granite</p> <p>- there are other granitic interbands, &lt; 6"</p> <p>- the tuff is generally moderately to strongly magnetic;</p> <p>- the heavily brecciated or agglomeratic section from 134.0 to 140.0 consists of dark grey silicified and grey qtz fragments in silicified matrix.</p> <p>This unit is similar to the extensive agglomerate section in AM-81-15.</p>	4288	1-2	115.0	117.5	2.5	Cu 0.004	Zn -	Au NIL	Ag -

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-14

SHEET NO. 6 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	OZ. TON	
					FROM	TO	TOTAL					
		- sulfides (py) occur scattered throughout - fine to rare coarse in basic tuff and intermediate tuff, also in some qtz knots, veins; also in granitic material; local concentrations to 3%										
		124-125 - a few fine-med. py streaks (~1%)	4289	1	124.0	125.0	1.0	-	-	NIL	-	
		129-131 - agglomeratic or brecciated tuff, a few qtz stringers, ~1% fine py;	4290	1	129.0	131.0	2.0	-	-	NIL	-	
		134-135.75 - brecciated or agglomeratic tuff with local fine-med py to 2%	4291	1-2	134.0	135.75	1.75	-	-	Tr	-	
		137-140 - locally up to 2% fine py, generally <1/2% in heavily brecciated zone or agglomerate.	4292	<1	137.0	140.0	3.0	-	-	NIL	-	
		140-142.5 - grey-green silicified tuff; a few fine-med. py grains to 1% locally.	4293	<1	140.0	142.5	2.5	-	-	NIL	-	
		144-145 - chloritized + Q-C; ~1-2% fine-med. py + cp.	4294	1-2	144.0	145	1.0	0.155	-	Tr	-	
		148.75-149.75 - chloritized and intermediate tuff, 2% fine to coarse py.	4295	2	148.75	149.75	1.0	-	-	NIL	-	
		151-152 - silicified tuff, ~2% med. py cubes @ 151.5' over 1";	4296	1	151.0	152.0	1.0	-	-	NIL	-	
		152-153 - a few med. py cubes in silicified tuff.	4297	<1	152.0	153.0	1.0	-	-	Tr	-	
		154-155.5 - basic tuff with granitic material, 1% fine py.	4298	1	154.0	155.5	1.5	0.014	-	Tr	-	
		157.75-159.25 - some dissem. py in tuff and underlying granite, ~1%.	4299	1	157.75	159.25	1.5	0.005	-	Tr	-	
		142.75-145.25 - largely chlorite-qtz zone (shear?)										

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FAN CAMP TOWNSHIP

HOLE NO. AM-81-14

SHEET NO. 7 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
				FROM	TO	TOTAL					
158.0	197.0	<p><u>GRANITE - GRANODIORITE</u> - med. pink-grey to light pink and green-grey; typical; med-coarse grd; no aplitic alteration noticed; massive and somewhat granular-sheared or porphyritic? A few mt. veinlets to ~181', from there to bottom, unit is non-mag. -contains scattered py and minor cp, local concentrations of py (to 25% in one spot).</p> <p>163.75 - 164.75 - some med.-grey qtz vein material and 2% fine to rare coarse py.</p> <p>165.5 - 166.5 - ~ 5% py overall; ~25% med. and v. coarse py concentrated at 166', with some tourmaline associated; a few thin C-a veinlets.</p> <p>166.5 - 168 - &lt;1% py and a little cp. -from ~180', the unit contains only specks of accessory py.</p>					Cu	Zn	Au	Ag	
		163.75 - 164.75 - some med.-grey qtz vein material and 2% fine to rare coarse py.	4300	2	163.75	164.75	1.0	0.003	-	Tr	-
		165.5 - 166.5 - ~ 5% py overall; ~25% med. and v. coarse py concentrated at 166', with some tourmaline associated; a few thin C-a veinlets.	4301	5	165.5	166.5	1.0	0.001	-	0.01	-
		166.5 - 168 - <1% py and a little cp. -from ~180', the unit contains only specks of accessory py.	4302	<1	166.5	168.0	1.5	0.002	-	Tr	-
			<u>FOLIATIONS - ANGLE WITH CORE AXIS:</u>								
					<u>FOOTAGE</u>	<u>L°</u>			<u>FOOTAGE</u>	<u>L°</u>	
					27	67			97	60	
					29-30.5	-folding			110	75	
					38	75			114	67	
					46	72			127	70	
					56	68			142	75	
					63	70			148	50	
					67	80			(some gentle folding to 148)		
					77	63			152	63	
					83	80			-granite contact irregular		
					90-91	folding					
	197.0	<u>END OF HOLE</u>									



# DIAMOND DRILL RECORD

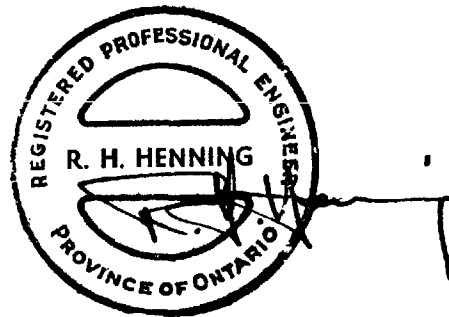
ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-14

SHEET NO. 8 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		BOR	BRR	XRR	XRT	AV	
					FROM	TO						TOTAL
		<u>SUMMARY - ASSAYS</u>										
		SEE LOG AM-81-1 for explanation										
			4262		16.0	17.0	1.0	0.01		0.001		0.01
			4276		79.5	80.5	1.0	0.04		0.038		0.04
			4301		165.5	166.5	1.0	0.01		0.015		0.01



# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

HOLE NO. AM-81-15 LENGTH 267'

LOCATION ISLAND LAKE; CLAIM 322279-3

LATITUDE 1+005 DEPARTURE 1+00E BL-A

ELEVATION \_\_\_\_\_ AZIMUTH 090° DIP -44° (COLLAR)

STARTED MARCH 17, 1981 FINISHED MARCH 18, 1981

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	42°45'				
267	39°00'				

HOLE NO. AM-81-15 SHEET NO. 1 OF 7

REMARKS RECOVERY - 99.5%  
CASING PULLED

DRILLED BY: CONTACT DRILLING LTD., CHIBOGAMAU

LOGGED BY R.H. HENNING, P.ENG.

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ/TON	OZ/TON
0	12.0	<u>WATER + OVERBURDEN - CASING</u>							
12.0	38.5	<u>BASIC TUFF</u> - dark green; typical unfoliated variety; f. grd; abundant disseminated carb., and stringlets of Q-C and qtz 2 1/2" to 1/16"; a little Q-C-T material near top; - a few red aplite and granite porphyry bands 36-38.5 (50% intrusive material here); sporadically weakly to mod. magnetic; contains widely scattered dissem. mainly med. py, locally only 1-3% 13-14.5 - 3" of Q-C-T vein material @ 14.25' with 2-3% med-fine py at contacts and within; a few fine-med. sulfides @ 13'. 27-28 - 2 1/2" white Q-C vein @ 27.5 + < 1/2" stringers elsewhere - a little fine py at contacts 32.5 - 33.5 - ~1% fine-med py in carb-rich tuff 35 - 36 - <1% med-coarse py in same unit 37.5 - 38.5 - 3% med. cube py over 1" @ 38.2 below aplite band	4303	2	13.0 14.5 1.5	-	-	Tr	-
			4304	<1	27.0 28.0 1.0	-	-	0.01	-
			4305	1	32.5 33.5 1.0	-	-	Tr	-
			4306	<1	35.0 36.0 1.0	-	-	Tr	-
			4307	1	37.5 38.5 1.0	-	-	Tr	-
38.5	72.0	<u>ANDESITE - DACITE</u> - typical banded, laminated unit with some epidotization; ranges from med. green-grey to med. dark green-grey; f. grd; largely dacitic in composition; <1% C-Q veinlets and a few narrow, <1" pink aplite + porphyry bands;							

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-15

SHEET NO. 2 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
					FROM	TO					TOTAL
		<ul style="list-style-type: none"> <li>-unit is mod. hard, compared with above basic tuff;</li> <li>-contains only a few scattered sulfides - fine to rare med. py;</li> <li>-mod. to strongly magnetic - veinlets, bands of mt. (main mag. anomaly starts 39.5)</li> <li>-contact with overlying tuff distinct @ 77°</li> <li>-silicified in bottom 1'</li> </ul>									
72.0	79.5	<p><u>BASIC TUFF</u> - dark to med. dark green; weakly foliated to massive; similar to part of 12-38.5; carbonate-rich (~10%) in matrix and as veinlets (&lt;5% - &lt;3/8") of Q-C;</p> <ul style="list-style-type: none"> <li>-mod. to strongly magnetic throughout</li> <li>-contains fine to med. and rare coarse cube py - scattered; av. ~1%, locally more</li> </ul>	4308	1	73.5	75.5	2.0	-	-	Tr	-
		78.7 - 79.5 - white Qtz vein; no tourmaline but some chlorite at base; only specks of cp within;	4309	2	75.5	76.75	1.25	-	-	Tr	-
			4310	<1	78.5	79.5	1.0	-	-	Tr	-
79.5	85.0	<p><u>ACID TO BASIC TUFF</u> - Acid tuff 79.5 - 83.5 - fine grd., silicified; light to med. grey and green-grey; well foliated, laminated; contains carbonate + some chloritic streaks and some C-Q veinlets; streaks and disseminations of fine-med and rare coarse py; av. 2-3%, locally to 5-10%;</p> <p>Intermediate - basic tuff 83.5 - 85.0 - med. dark green and green-grey; laminated; a few Q-C veinlets; ~2% fine-med. py;</p> <ul style="list-style-type: none"> <li>-unit contains mainly dissem. mt - is mod. to strongly magnetic.</li> </ul>	4311	5	79.5	82.0	2.5	-	-	0.03	-
			4312	2	82.0	83.5	1.5	-	-	0.01	-
			4313	1-2	83.5	85.0	1.5	-	-	Tr	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-15

SHEET NO. 3 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ TON	
					FROM	TO					TOTAL
85.0	91.0	<u>GRANITE</u> - relatively unaltered, pink-grey, med.-fine grd with aplitic bands; a few qtz stringers; only a few scattered fine-med py cubes; massive; weakly to mod. magnetic.									
91.0	115.75	<u>DACITIC TUFF</u> - carbonate-rich; moderately to strongly magnetic; med. green-grey, fine-grd; fairly uniform except for noted interbands of other units; weakly foliated to massive; - contains scattered knots, streaks of blady tourmaline (av. $\leq 5\%$ ) - little Q-C vein material (<1") - a few narrow (<6") wed to pink aplitic bands; 101.25 - 103.75 - light-grey to buff intrusive - grano-diorite? with abundant qtz vein material; fine to coarse grd; a little py (<1/4%); 103.75 - 107 - Biotite-rich interband - ~60% biotite, 40% carbonate + qtz; a few qtz knots and stringers - barren; looks folded; - the tuff contains sporadic py; generally in vicinity of or associated with Qtz and tourmaline; - contains a little chloritized material + Q-C-T veins (1 1/2") and 3" pink-grey intrusive band 111.5-113.5.	4314	<1	92.0	93.0	1.0	-	-	Tr	-
			4315	2	100.0	101.0	1.0	-	-	Tr	-
			4316	1	107.0	108.0	1.0	-	-	Tr	-
			4317	1	109.0	110.0	1.0	-	-	0.01	-
			4318	1	111.5	112.5	1.0	-	-	Tr	-
			4319	1	115.0	116.0	1.0	-	-	Tr	-
115.75	122.25	<u>TUFF</u> - Biotite + chlorite + carbonate-rich, similar to the interband from 103.75-107.0'; black to med. green; med. grd; abundant carb-qtz vein material and some intrusive granitic material toward base; characterized									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-15 SHEET NO. 4 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
				FROM	TO	TOTAL					
		by flat foliations; only a few med. py cubes in one spot; rest is barren.									
122.75	128.75	<u>GRANITE</u> - generally fine-grd, pink to greyish-pink; contains a 0.5' interband of C-Q-chlorite with very little py; - upper contact @ 45°, lower @ 80° (conformable); contains <1% dissem. fine py.									
128.75	137.75	<u>BASIC TUFF</u> - and a little interbanded intermediate tuff - as above; weakly foliated to massive, med. to dark green; contains abundant carbonate; - a few tourmaline streaks - widely scattered fine to some med. py associated with narrow (<1/4") C-Q veinlets; - strongly magnetic throughout	4320	1	128.75	130.5	1.75	-	-	Tr	-
			4321	1-2	130.5	131.5	1.0	-	-	Tr	-
137.75	239.25	<u>AGGLOMERATE OR FAULT BRECCIA</u> - highly altered, chloritized rock, tuffaceous; abundant chlorite + carbonate + qtz; med - dark green, generally med. grd; looks sheared, folded (fault zone?) with rounded fragments of Qtz vein material (grey) in matrix; locally some pink granitic material as narrow bands - ~50-80% chlorite - rest in grey qtz + carbonate; - also contains aplite clasts; - unit is sporadically magnetic, but mostly non-magnetic; - contains sporadic sulfides - fine to coarse, generally 1% or less, locally to 5% over short intervals;									

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FAN CAMP TOWNSHIP

HOLE NO. AM-81-15

SHEET NO. 5 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ. TON	GZ. TON
					FROM	TO	TOTAL				
		-the unit looks more like an agglomerate from 157' to bottom; it contains up to 70% clasts, mostly rounded to sub-rounded, but also angular, of acid tuff or rhyolite, grey qtz, basic tuff, granite, grey feldspar porphyry, aplite and dacite tuff; Some of the granite "clasts" may be post-agglomerate intrusive bands; matrix is generally chloritic ± amphiboles; there appear to be also thin inter-bands of tuff;									
		-there are late C-Q veinlets, but no intrusive veins (qtz) except in biotite-rich sections;									
		-foliations in this unit cannot be reliably measured.	4322	3	142.5	143.5	1.0	-	-	Tr	-
		-169-175 - biotite-rich with abundant C-Q and Q-C vein material;	4323	1	148.75	149.75	1.0	-	-	Tr	-
		-there are finer grained portions with clasts < 1/2", but most of unit has clasts 6-8" to 1";	4324	1	154.0	155.0	1.0	-	-	Tr	-
		-feldspar - qtz porphyry clasts and granitic clasts more common toward base;	4325	3	164.5	165.5	1.0	-	-	Tr	-
		-has finer-grained matrix from 208' to bottom (not med. grd. as above) and shows epidotization there;	4326	2	167.5	168.5	1.0	-	-	Tr	-
		-strongly magnetic throughout;	4327	1	178.5	179.5	1.0	0.032	-	Tr	-
		-contact with underlying granite is sharp @ 72°.									
239.25	267.0	<u>GRANITE - GRANODIORITE</u> - typical; largely altered to 249 with common mt veins and some brecciation to 243.5';									
		249-267 - light-med. green grey to pink-grey, less									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-15

SHEET NO. 6 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ TON
					FROM	TO	TOTAL				
		altered to unaltered; -contains sporadic sulfides -fine to rare coarse py, < 1/2% average; -magnetite veins persist to 265.5'	4328	2	239.0	240.0	1.0	Cu	Zn	Au	Ag
			4329	4	252.0	254.0	2.0	0.004	-	NIL	-
								0.003	-	Tr	-
			FOLIATIONS - ANGLE WITH CORE AXIS:								
					FOOTAGE	∠°				FOOTAGE	∠°
					17	70					
					32	73					
					39	73					
					47	74					
					61	77					
					66	90					
					77	80					
					83	78					
					92	85					
					108	73					
					111	75					
					117-122	0-30	folding				
					131	75					
					137	70					
					138-158	0-60	folding?				
					236	75					
					239.25	72	(Intrusive Contact)				
	267.0	<u>END OF HOLE</u>									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-15

SHEET NO. 7 OF 7

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - Au					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		BOR oz/t	BRR oz/t	XRR oz/TON	XRI oz/TON	AV. oz/t.
					FROM	TO					
		<u>SUMMARY - ASSAYS</u>									
		SEE LOG AM-81-1 for explanation	4304		27.0	28.0	1.0	0.02		0.005	0.01
			4311		79.5	82.0	2.5	0.02		0.040	0.03
			4312		82.0	83.5	1.5	0.01		0.007	0.01
			4317		109.0	110.0	1.0	0.01		0.001	0.01
		<u>AVERAGES:</u>			79.5	83.5	4.0				0.02





# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

## ACID DIP TESTS (CORRECTED)

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
100	41°45'				
247	38°45'				

HOLE NO. AM-81-16 SHEET NO. 1 OF 8

NAME OF PROPERTY FANCAMP TOWNSHIP - QUEBEC

REMARKS RECOVERY - 99.5%  
CASING PULLED

HOLE NO. AM-81-16 LENGTH 247'

LOCATION ISLAND LAKE ; CLAIM 387705-1

DRILLED BY: CONTACT DRILLING LTD., CHIBOUGAMAU

LATITUDE LINE 6+00S DEPARTURE 1+50 W BL-A

ELEVATION \_\_\_\_\_ AZIMUTH 090° DIP -47°30' (COLLAR)

LOGGED BY R.H. HENNING, P.ENG.

STARTED MARCH 19, 1981 FINISHED MARCH 20, 1981

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
				FROM	TO	TOTAL					
0	35.0	<u>WATER + OVERBURDEN (CASING TO 38.0')</u>									
35.0	58.25	<u>GABBRO</u> - med. grd; to fine grd; typical dark green variety; mainly massive, to weakly foliated in places; ~5% Q-C stringers < 1/2"; - non-magnetic; carbonatized 47' to bottom (feld-spars replaced by calcite-qtz?) - contains minor sulfides - fine to rare med. py < 1%. 40.5' - chlorite + some Q-C veinlets, some fine-med. py < 1%	4330	<1	39.75	40.75	1.0	-	-	Tr	-
58.25	62.5	<u>BASIC TUFF</u> - dark green; carbonatized; weakly foliated fine grd; this unit could be gradational from above gabbro; contains a few narrow C-Q veinlets, one with py. 61.5' - 4" of light grey qtz material with ~15% inter-banded tuff; - non-magnetic; - contains scattered dissem. fine to med. py - av. 1%.	4331	<1	58.25	59.25	1.0	-	-	0.01	-
			4332	1	59.25	60.75	1.5	-	-	0.01	-
			4333	<1/4	60.75	62.25	1.5	-	-	Tr	-
62.5	88.0	<u>INTERMEDIATE TUFF</u> - + minor basic and acidic tuff; med grey-green to med-light grey green; fine to med. grd; 63-68 - carbonatized gabbro? - carbonate-rich (upto 25% calcite) 72-86.5 - moderately to strongly magnetic (disseminations									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-16

SHEET NO. 2 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ TON
					FROM	TO	TOTAL				
		and stringers mt.) - rest of unit is non-mag. - contains scattered Q-C-T and C-Q-T veins ranging from 1.0' to 1/2"; also streaks, bands of tourmaline locally with no Q-C association; - sulfides (py) occur sporadically throughout the unit; best sulfides 72.5-83; fine to very coarse grd. py; the best sulfides occur adjacent to some Q-C-T veins; there is also some py within veins; average sulfide content 1-2%, locally 5-15% py. Q-C-T veins: 62.75 - 1/2" - no sulfides 65.25-66.25 - ~40% tourmaline, no sulfides 69.25 - 1 1/2" - no sulfides 69.75 - 70.75 - tourmaline-rich tuff - no sulfides; 72.25-72.5 - 2 - 1/2" veins; ~1% py near contacts; 73.75 - 2" - with abundant fine to med. and rare coarse py at and near contacts (upto 10% over 1/2") 78.5 - 1/2" - a little fine py; 79.5 - 1 1/2" - 5% med.-coarse py at contact 79.75 - 1 1/2" - ~2% fine to med py along contacts; 80.75 - 2" - the best mineralization occurs here - fine to very coarse py, 10% over 3"; 81.2 - 1 1/2" - ~2% fine-med. py over 2" 82.5 - 1 1/2" - ~4% med-coarse py over 2" 83 - 1/2" ~5% med. py within vein; 87.5-88 - a few narrow Q-C-T veins, barren.									
								Cu	Zn	Au	Ag
			4334	<1	62.25	65.0	2.75	-	-	Tr	-
			4335	0	65.0	66.25	1.25	-	-	Tr	-
			4336	0	66.25	69.0	2.75	-	-	Tr	-
			4337	<1	69.0	70.0	1.0	-	-	NIL	-
			4338	1	70.0	72.0	2.0	-	-	Tr	-
			4339	2-5	72.0	74.0	2.0	-	-	0.01	-
			4340	1-2	74.0	75.0	1.0	-	-	Tr	-
			4341	1	75.0	77.0	2.0	-	-	Tr	-
			4342	2	77.0	78.0	1.0	-	-	0.01	-
			4343	2	78.0	79.25	1.25	-	-	Tr	-
			4344	3-15	79.25	81.25	2.0	-	-	0.01	-
			4345	1	81.25	82.25	1.0	-	-	Tr	-
			4346	1-2	82.25	83.5	1.25	-	-	Tr	-
			4347	1/2	83.5	84.75	1.25	-	-	Tr	-
			4348	3-5	84.75	85.75	1.0	-	-	Tr	-
			4349	1	85.75	87.0	1.25	-	-	Tr	-
			4350	<1	87.0	88.1	1.1	-	-	NIL	-

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-16

SHEET NO. 3 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON	
				FROM	TO	TOTAL					
88.0	101.75	<p>- narrower &lt; 1/2" veins occur elsewhere, also a few veins with no tourmaline which are barren;</p> <p>- the tuff itself contains from &lt; 1/2% to locally 5% py (mostly fine-med grd.).</p> <p>- in a few places, brecciated appearance due to mt. vein intrusion.</p> <p><u>BASIC TUFF</u> - dark to med.-dark green mostly; very fine grd., silicified in places; massive mainly, some is weakly laminated;</p> <p>- shot through with abundant irregular Q-C stringers (no tourmaline) 15-20% overall;</p> <p>- mostly non-magnetic, but there are local weakly to moderate magnetic spots;</p> <p>- contains generally only minor sulfides, except:</p> <p>93.25-93.75 - 1" C-Q vein with ~5% fine py and a little py in tuff;</p> <p>99.0-100.25 - medium-red aplitic granitic intrusive.</p>	4351	5	93.25	94.25	1.0	-	-	Tr	-
			4352	1	96.0	97.0	1.0	-	-	NIL	-
101.75	161.0	<p><u>ANDESITE - DACITE</u> - medium to dark green; finely banded, laminated variety; some epidotization; hard; only minor sulfides;</p> <p>107.25 - 108 - pink-red aplite - porphyry granitic intrusive; contacts ~ 11 to enclosing unit;</p> <p>117.2 - 118.5 - 1/4 to 1/2" barren grey qtz vein has cut cone at very flat (0-5°) angle;</p> <p>- a few narrow grey qtz veins elsewhere + pink aplite-porphyry bands;</p>									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-16

SHEET NO. 4 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ TON	
					FROM	TO					TOTAL
161.0	165.0	- moderately to strongly magnetic from 122.0' (start of main mag anomaly); abundant x-cutting mt veins 137-144.5; - very few Q-C veins except at top; non-calcareous. <u>BASIC TUFF</u> - med-dark green, fine grd., moderately to poorly foliated, grading downward to intermediate tuff; carbonate-rich; - contains 1% med py 163-164; elsewhere, very minor fine py;									
165.0	175.0	<u>INTERMEDIATE TO ACID TUFF</u> - med. grey and green-grey; contains up to 20% chloritic laminae; med. grd; carbonate-rich (up to 30% carbonate), but no x-cutting Q-C veins; weakly to mod. foliated; - strongly magnetic - contains dissem. and stringlets of mt. - contains discontinuous streaks, and disseminations of pyrite, scattered throughout, varying from fine-grd. aggregates to med. and rare coarse cube py. 170.5 - 171 - white qtz vein with one very coarse py cube within and fine-med py at upper contact; 173.5 - 1/2" ropy grey-white qtz stringer.	4353	1-2	163.0	164.0	1.0	-	-	0.01	-
			4354	<1	164.0	166.0	2.0	-	-	Tr	-
			4355	1-2	166.0	167.75	1.75	-	-	Tr	-
			4356	2-3	167.75	168.75	1.0	-	-	NIL	-
			4357	2	168.75	170.25	1.5	-	-	Tr	-
			4358	2	170.25	171.25	1.0	-	-	Tr	-
			4359	2	171.25	173.0	1.75	-	-	0.01	-
			4360	1-2	173.0	175.0	2.0	-	-	NIL	-
175.0	228.75	<u>ZONE OF MIXED TUFF AND GRANITIC MATERIAL</u> - comprises 1. Basic to silicified, intermediate tuff, as previously, carbonate-rich; moderately well foliated to massive and laminated in places 2. Granitic intrusive material as follows:									

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-16

SHEET NO. 5 of 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ TON	
					FROM	TO	TOTAL					
		175 - 176.5 - 60% reddish, aplitic material inter banded with basic tuff; specks of py.										
		177.8 - 181.25 - med. red aplitic granitic intrusive, minor py;										
		187.75 - 189.5 - pink-grey granite, altered mostly to aplite; only a few specks py;										
		191.5 - 193.0 - pink to light red altered granite;										
		195 - 198 - Granite - pink to light red, partly altered to aplite, with common mt veins, minor py and one 2" andesitic interband;	4361	<1	175.0	177.0	2.0	-	-	Tr	-	
		199.25 - 202 - altered, pink to pink-grey granite, med. grd., with a little py + mt veins;	4362	2-5	177.0	178.25	1.25	-	-	Tr	-	
		209.2 - 215 - mostly pink granite, somewhat altered; brecciated in part; two narrow basic tuff interbands; a little py in chloritic fractures;	4363	4	181.25	182.6	1.35	-	-	Tr	-	
		215.75 - 217 - pink-red altered granite; no sulfides;	4364	2-4	183.9	185.4	1.5	-	-	Tr	-	
		225.75 - 226.6 - pink-grey granite, specks py.	4365	2-5	190.5	191.5	1.0	-	-	Tr	-	
		218 - 228.75 - besides above, also a few narrower granitic + aplitic bands (4" or less);	4366	2-20	198.0	199.0	1.0	-	-	Tr	-	
		-note that the granitic bands have contacts more or less conformable with tuff foliations;	4367	3-5	208.0	209.25	1.25	-	-	Tr	-	
		-unit is moderately to strongly magnetic to 203' (mainly in tuff, but there is also some mt in some of the granitic material);	4368	2	213.25	214.5	1.25	-	-	NIL	-	
		-tuff contains 5-10% a-c stringlets, but <1/2"	4369	5	216.75	217.75	1.0	-	-	Tr	-	
		-the tuff contains fine to med and rare coarse py -	4370	1	218.5	219.5	1.0	-	-	Tr	-	

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-16

SHEET NO. 6 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS						
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ. TON	OZ. TON		
					FROM	TO	TOTAL					
		average 1-2%, but sporadic - some sections are barren; locally, there are concentrations to 5%, and in one spot (198-198.5) to 20%.										
		224 - 228.75 - mostly med. grey, intermediate - acid tuff with abundant grey, qtz + chlorite + biotite; looks highly sheared;										
		- the unit also includes minor, relatively unaltered, laminated, banded, typical andesite;										
228.75	247.0	<u>GRANITE - GRANODIORITE</u> - typical; a little basic tuff (2") interbanded near top; partly altered; pink to pink-grey; med to coarse grained with blue-grey qtz grains;										
		- sporadically magnetic - common mt veining;	4371	1/2	246.0	247.0	1.0	0.004	-	Tr	-	
		- contains no significant sulfides - only a few grains of py besides fine accessory py.	4372	1	237.0	238.0	1.0	0.003	-	Tr	-	
	247.0	<u>END OF HOLE</u>										

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-16

SHEET NO. 7 of 8

FOOTAGE		DESCRIPTION:	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ TON
					FROM	TO				
					FOLIATIONS - ANGLE WITH CORE AXIS :					
					FOOTAGE	∠°			FOOTAGE	∠°
					59	70			207	60
					60	75			217	30 - folding
					67	65			220	50
					77	75			221-24	gentle folding
					86	75			225	70
					96	60			228.75	70 - GRANITE CONTACT
					106	72				
					117	65				
					127	70				
					129-131	5 - folding				
					137	60				
					147	55				
					156	65				
					157	55				
					167	50				
					177	50				
					186	60				
					199	57				
					204	55				

# DIAMOND DRILL RECORD

ADVANCE MURGOR EXPLORATIONS LTD.

NAME OF PROPERTY FANCAMP TOWNSHIP

HOLE NO. AM-81-16 SHEET NO. 8 OF 8

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS - <u>AW</u>						
FROM	TO		NO.	% SULPHIDES	FOOTAGE			BOR oz/t.	BRR oz/t.	XRR XRT		AV oz/t.
					FROM	TO	TOTAL			oz TON	oz TON	
		<u>SUMMARY - ASSAYS</u>										
		SEE LOG AM-81-1 for explanation	4331		58.25	59.25	1.0	0.01		0.001		0.01
			4332		59.25	60.75	1.5	0.01		0.001		0.01
			4339		72.0	74.0	2.0	0.01		0.009		0.01
			4342		77.0	78.0	1.0	0.01		0.001		0.01
			4344		79.25	81.25	2.0	0.01		0.002		0.01
			4353		163.0	164.0	1.0	0.01		0.001		0.01
			4359		171.25	173.0	1.75	0.01		0.001		0.01
		<u>AVERAGES:</u>			58.25	60.75	2.5					0.01

